

FIG. 1A
Prior Art

Transmitted Pulses: RANGE (TIME)

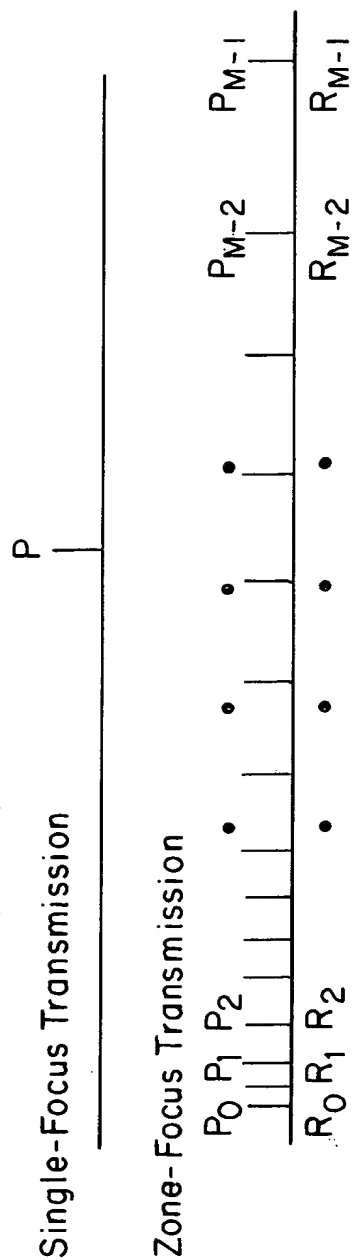


FIG. 1B
Prior Art

FIG. 2A
Prior Art

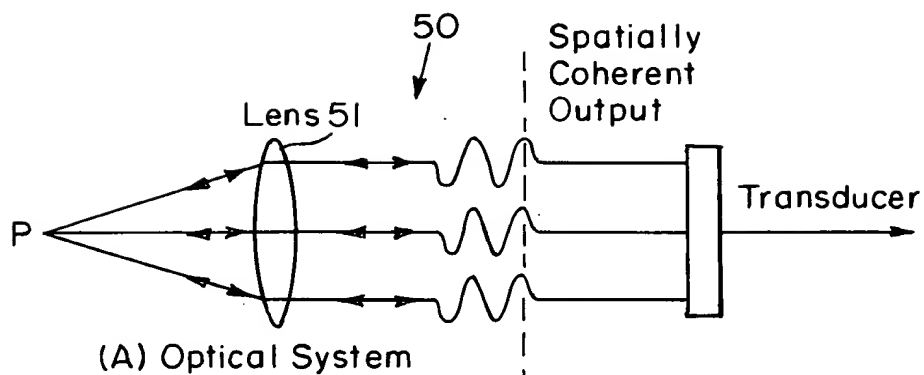


FIG. 2B
Prior Art

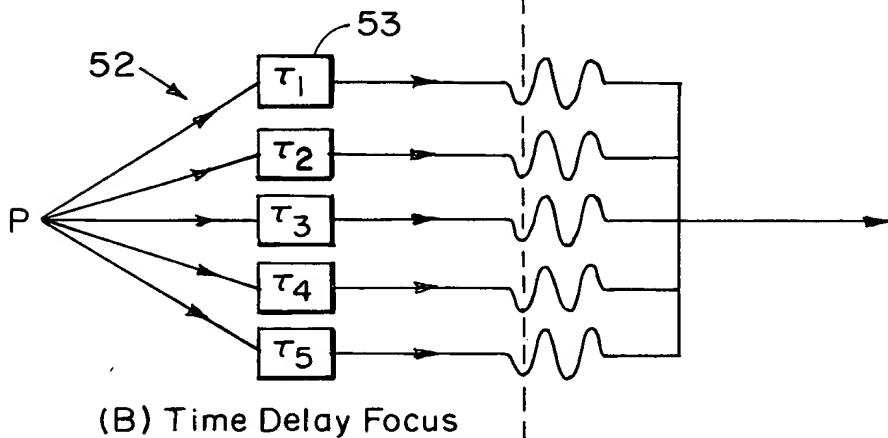
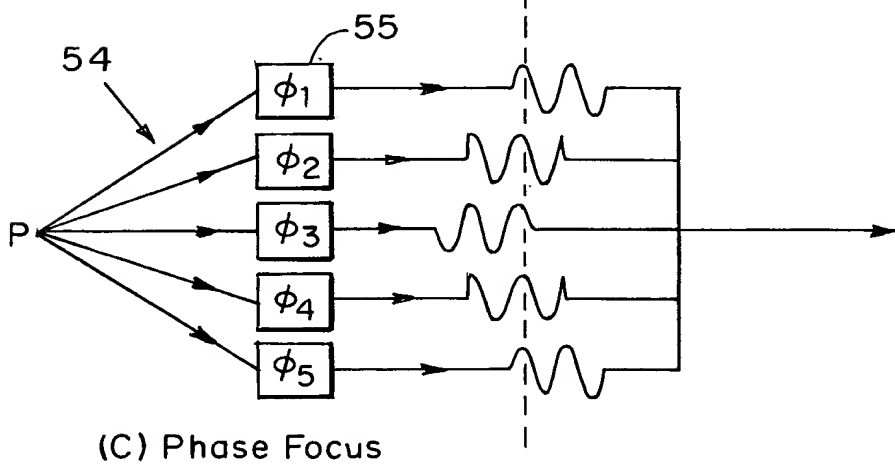


FIG. 2C
Prior Art



006720" 22161960

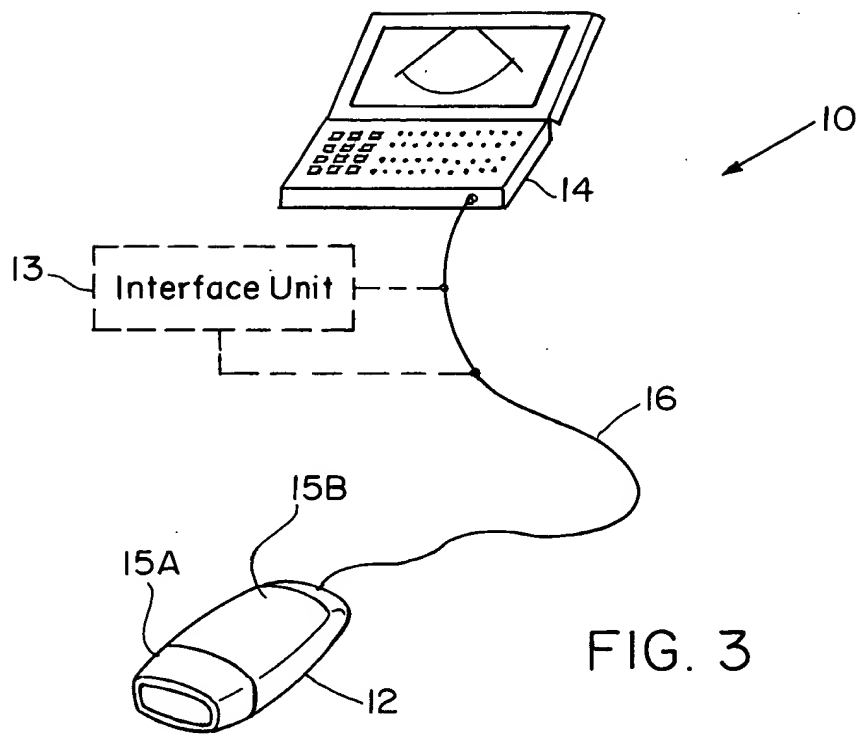


FIG. 3

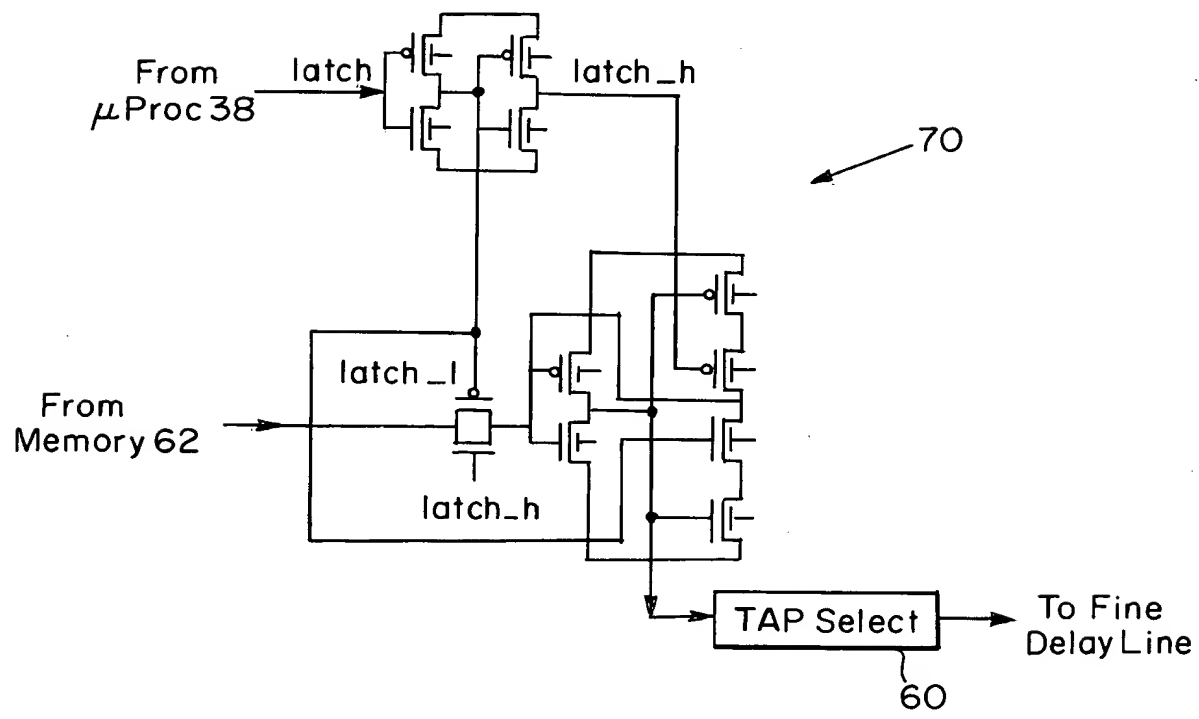


FIG. 9

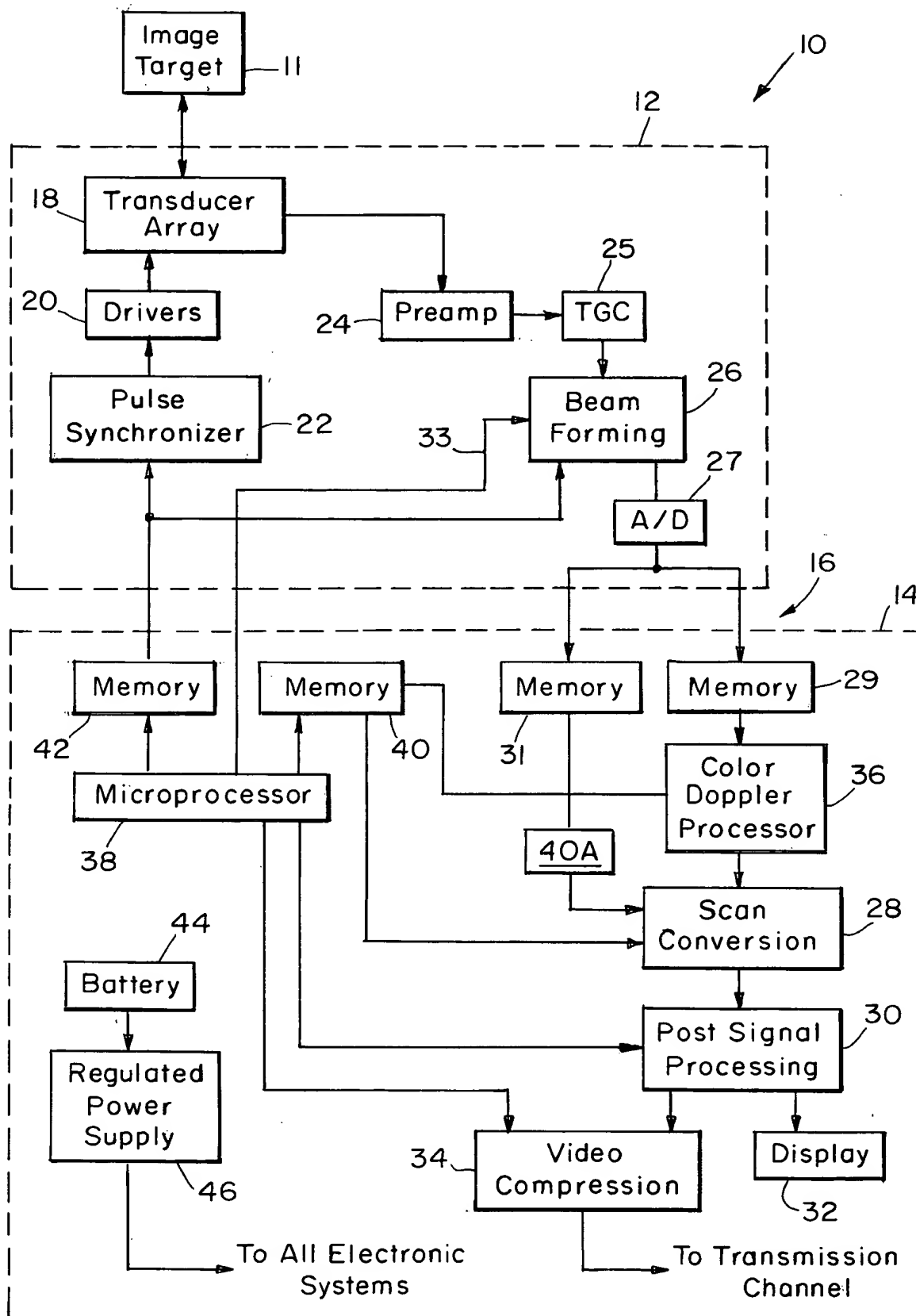


FIG. 4

006T40" E2T6T960

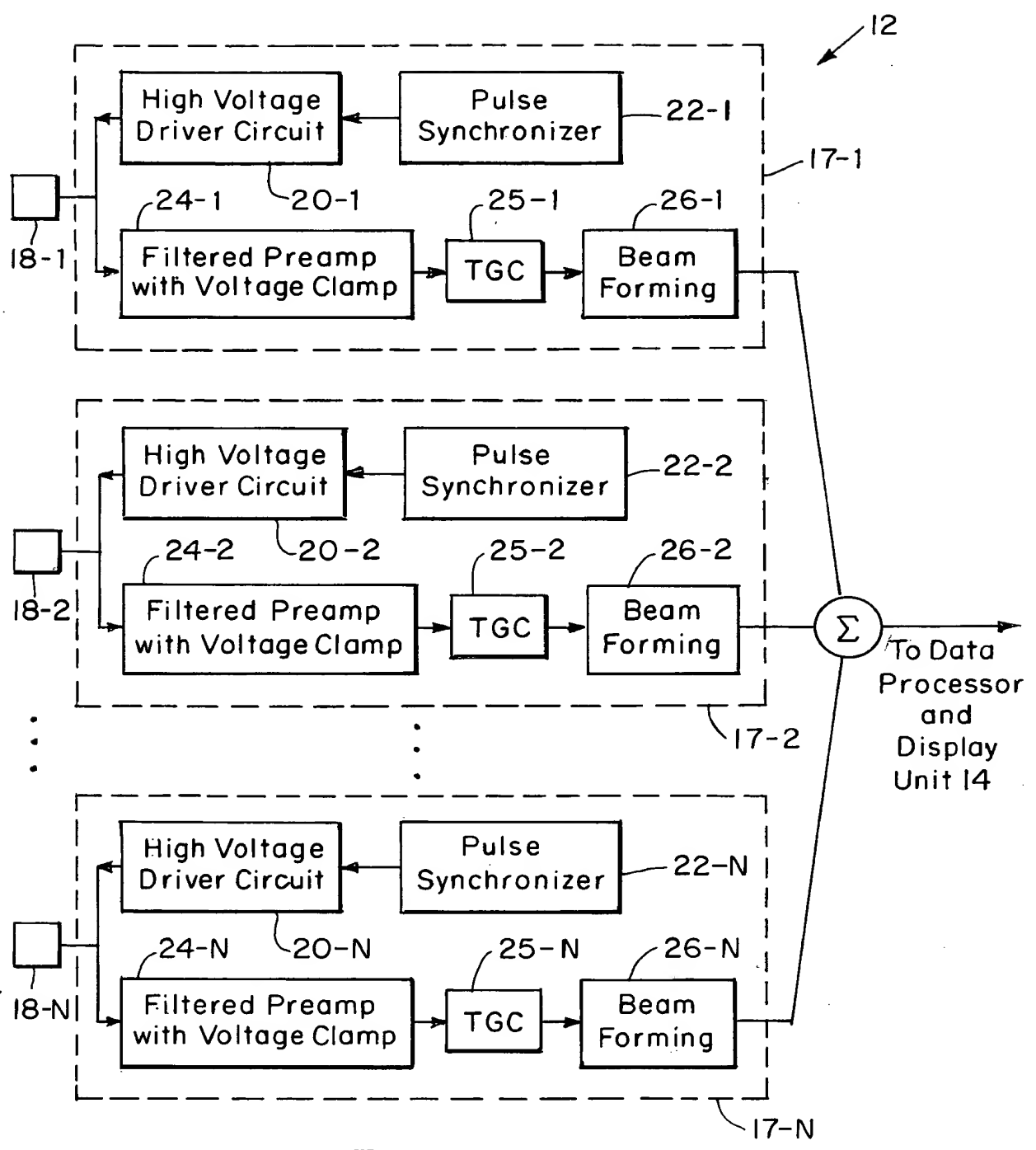


FIG. 5

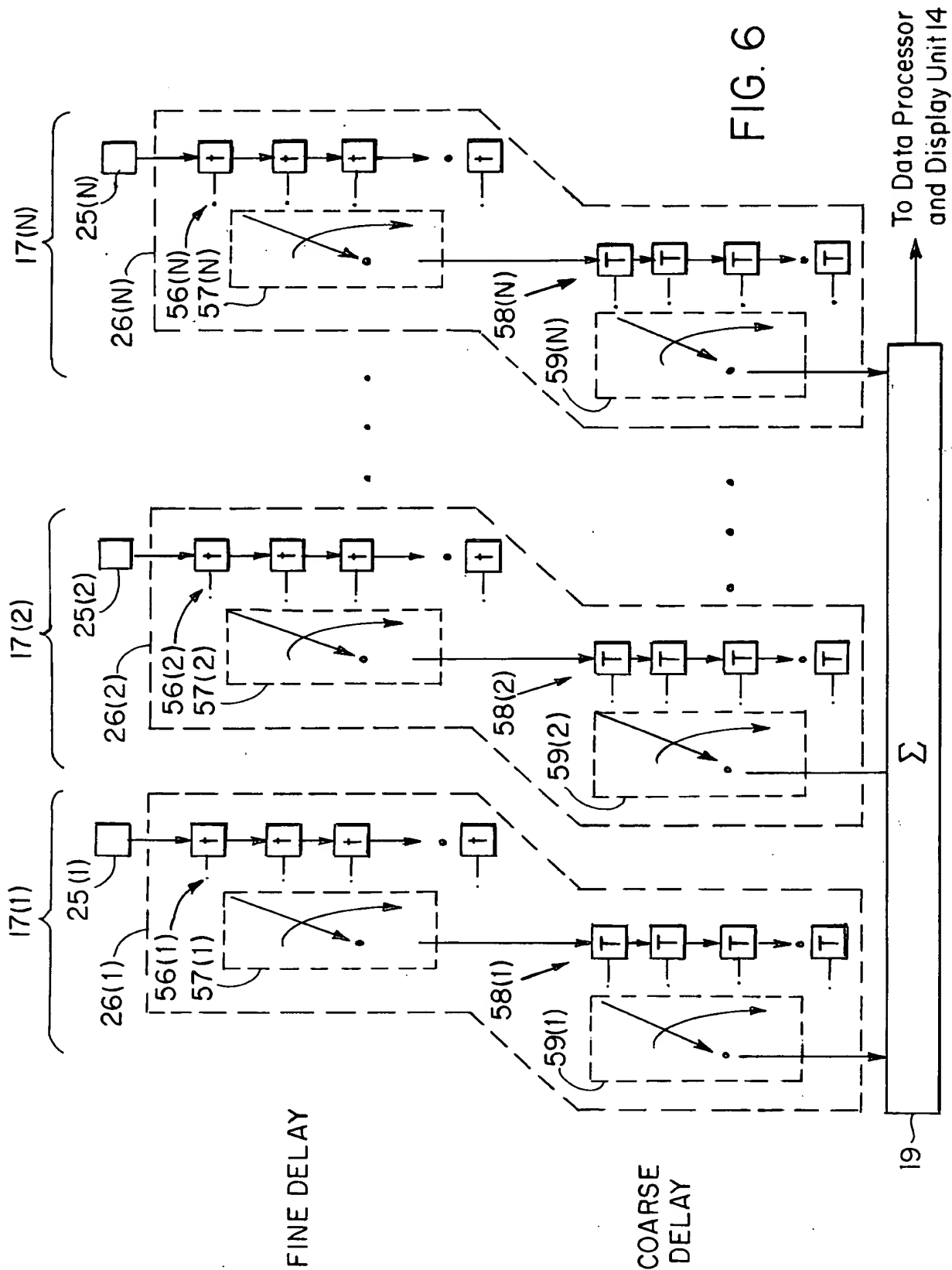
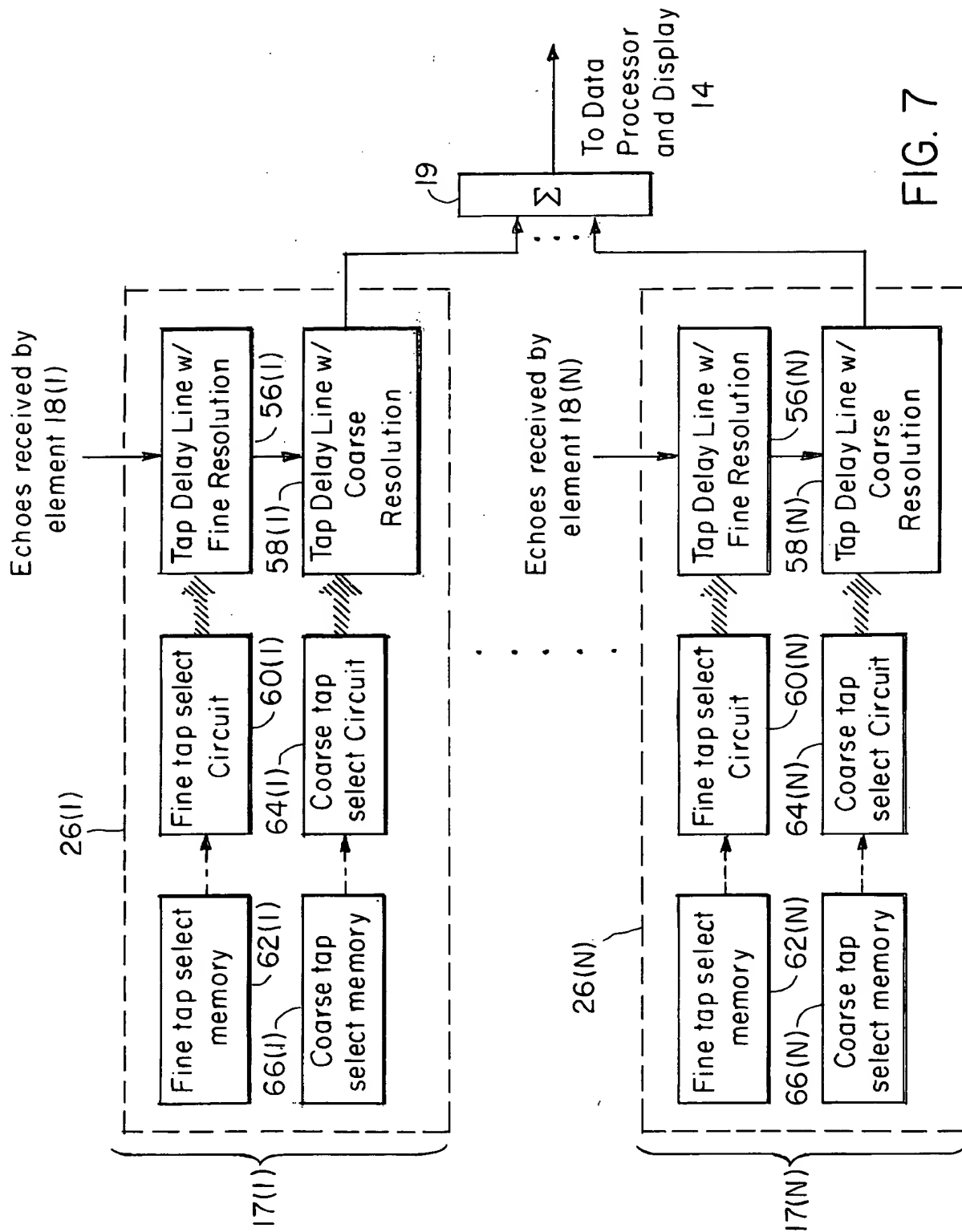


FIG. 6



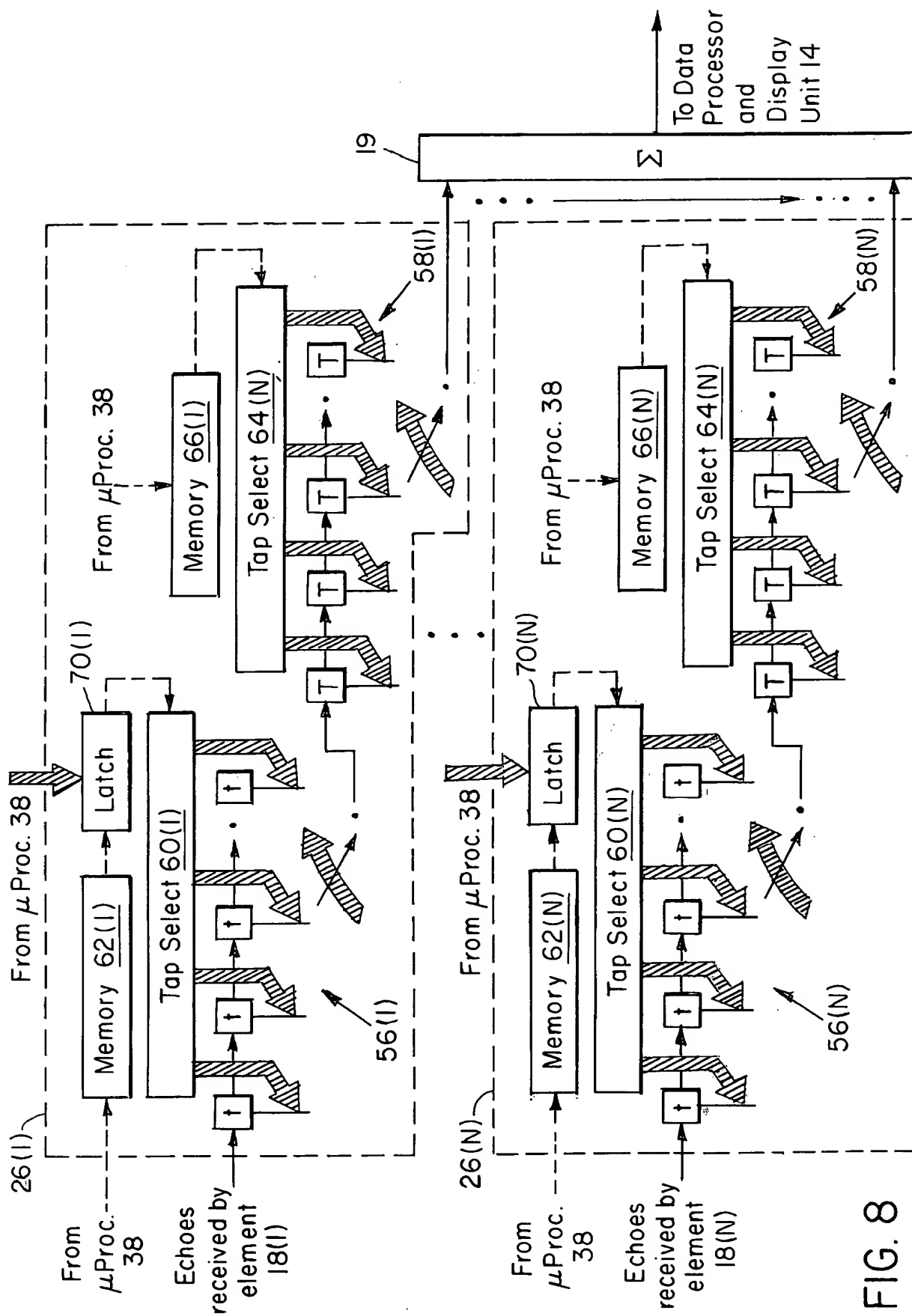
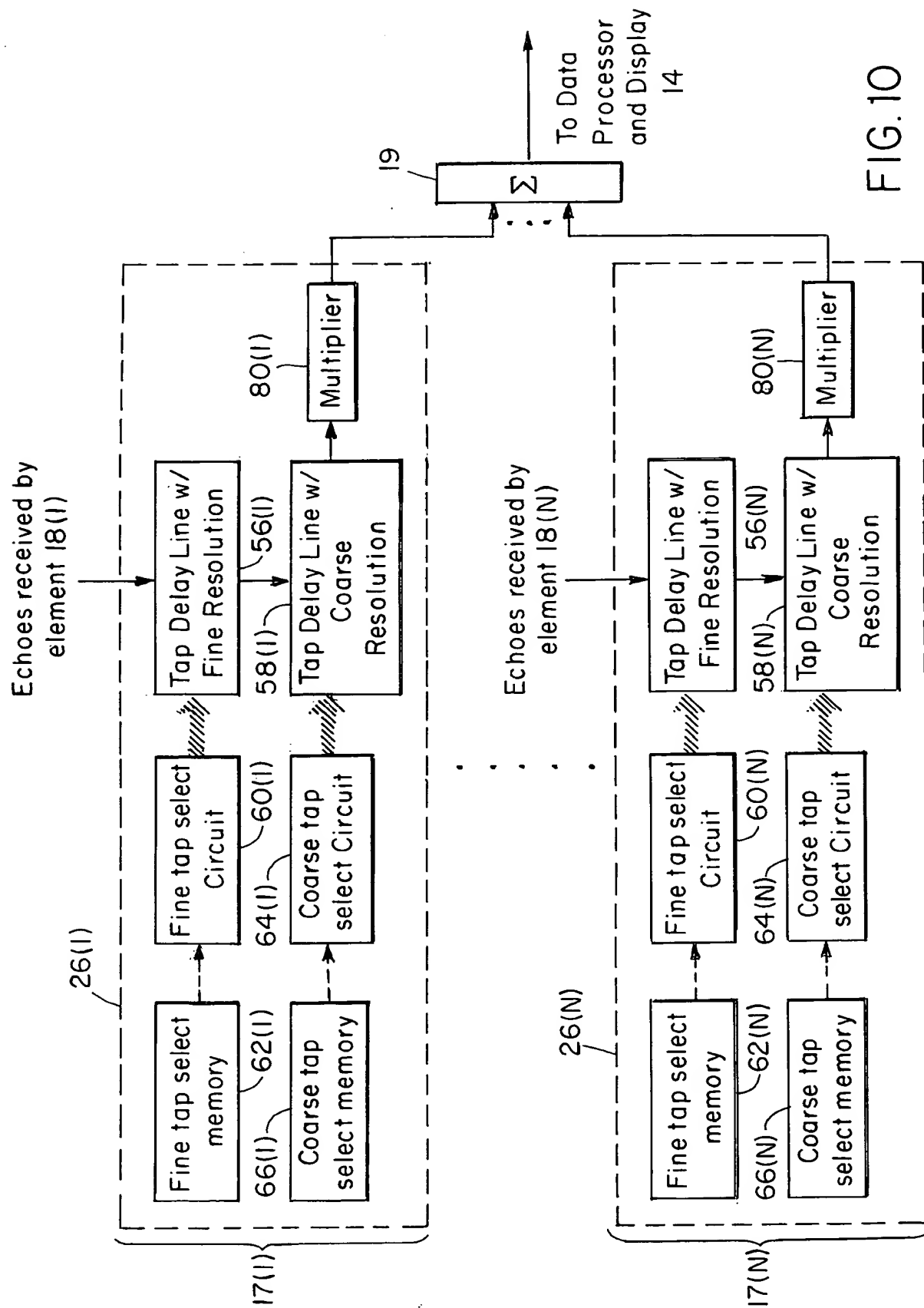
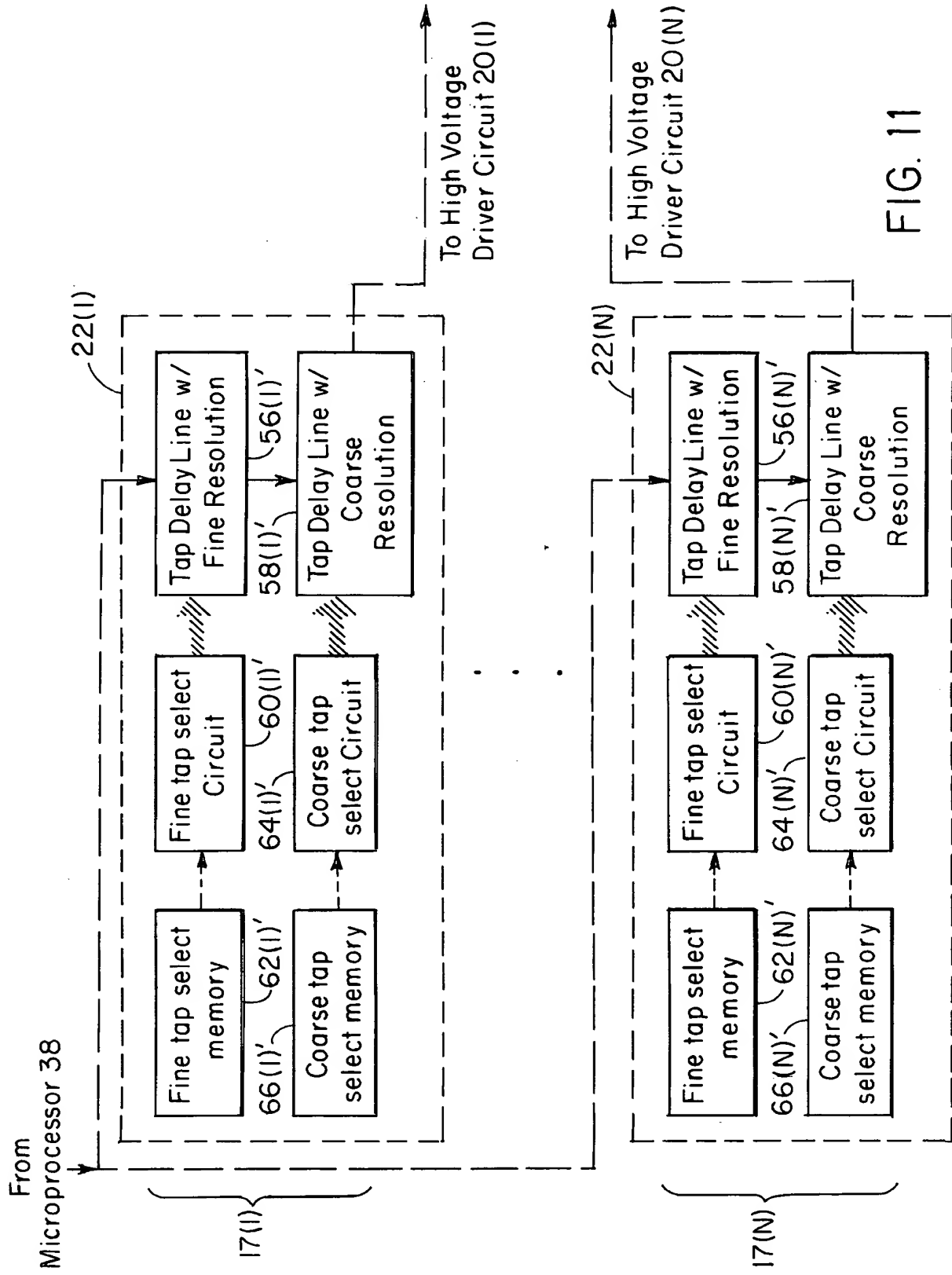


FIG. 8





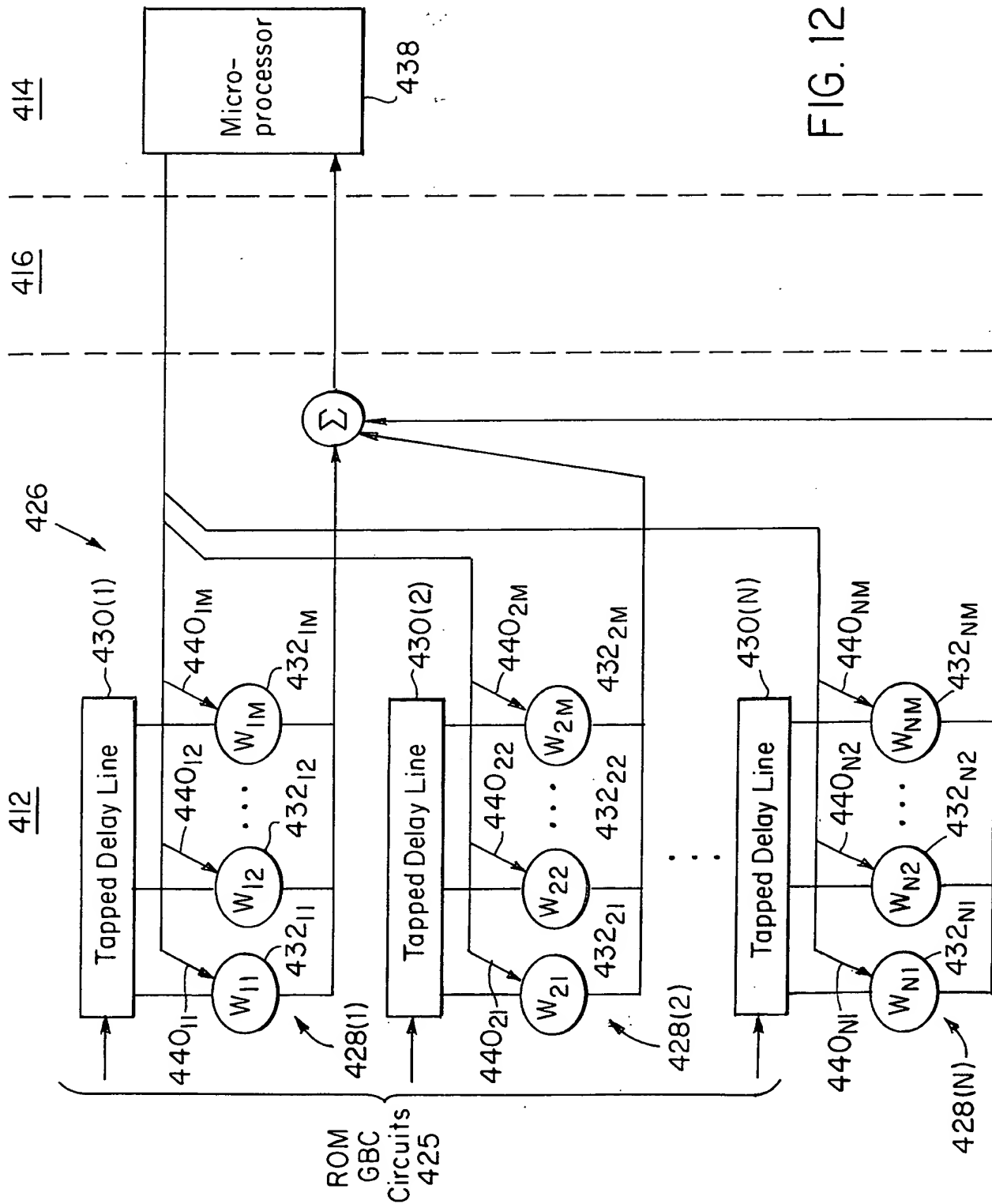
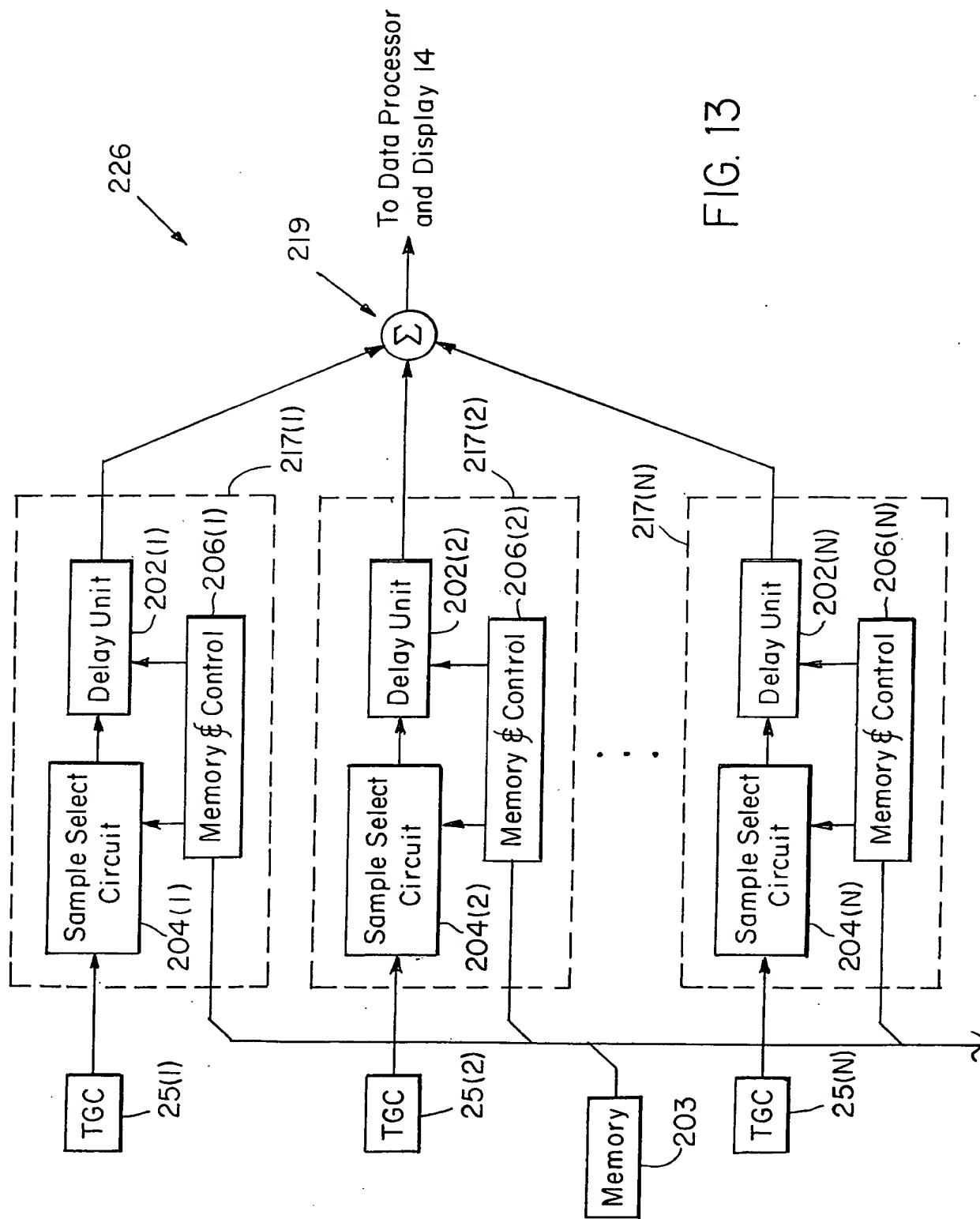


FIG. 12



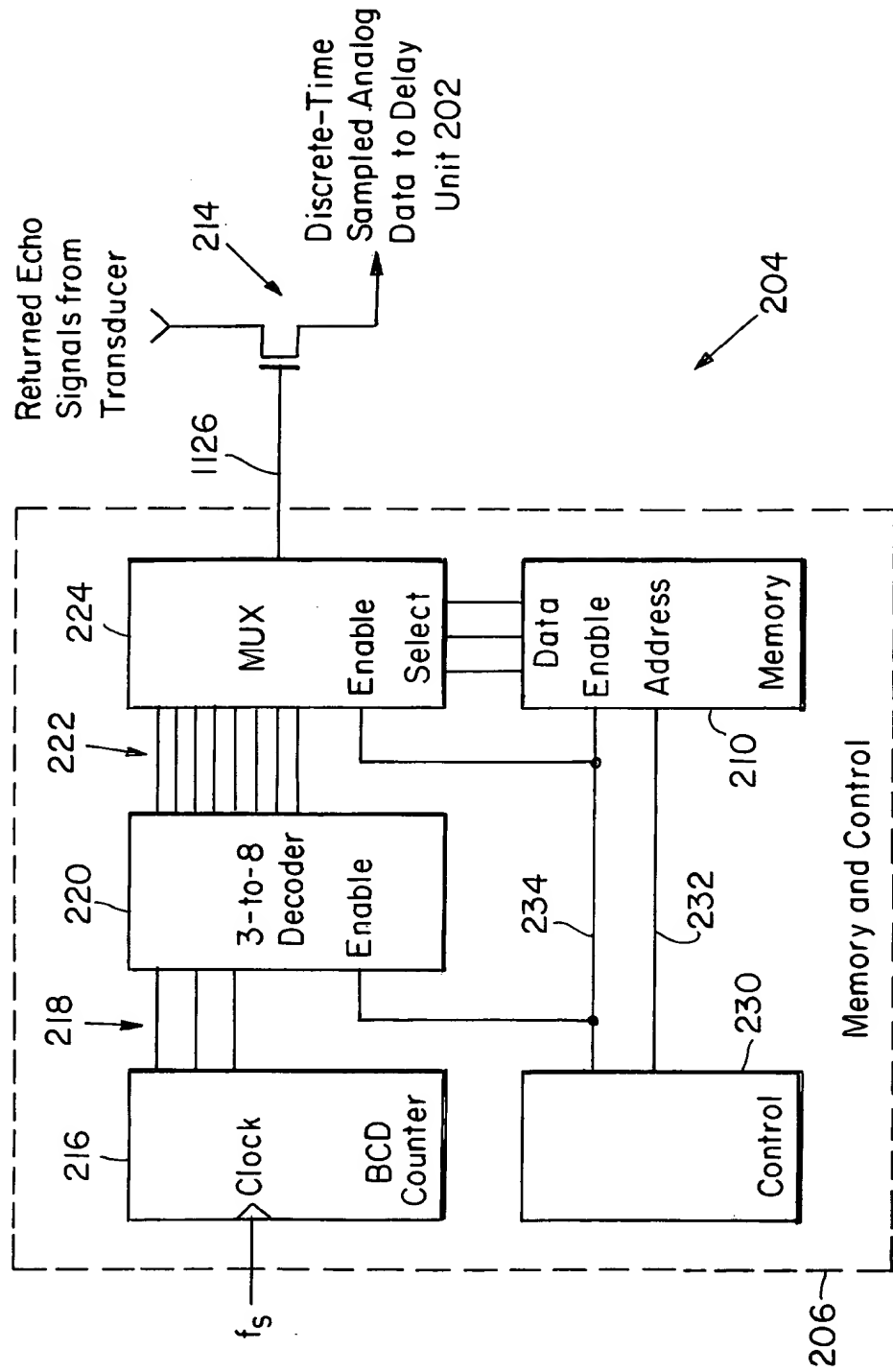


FIG. 14A

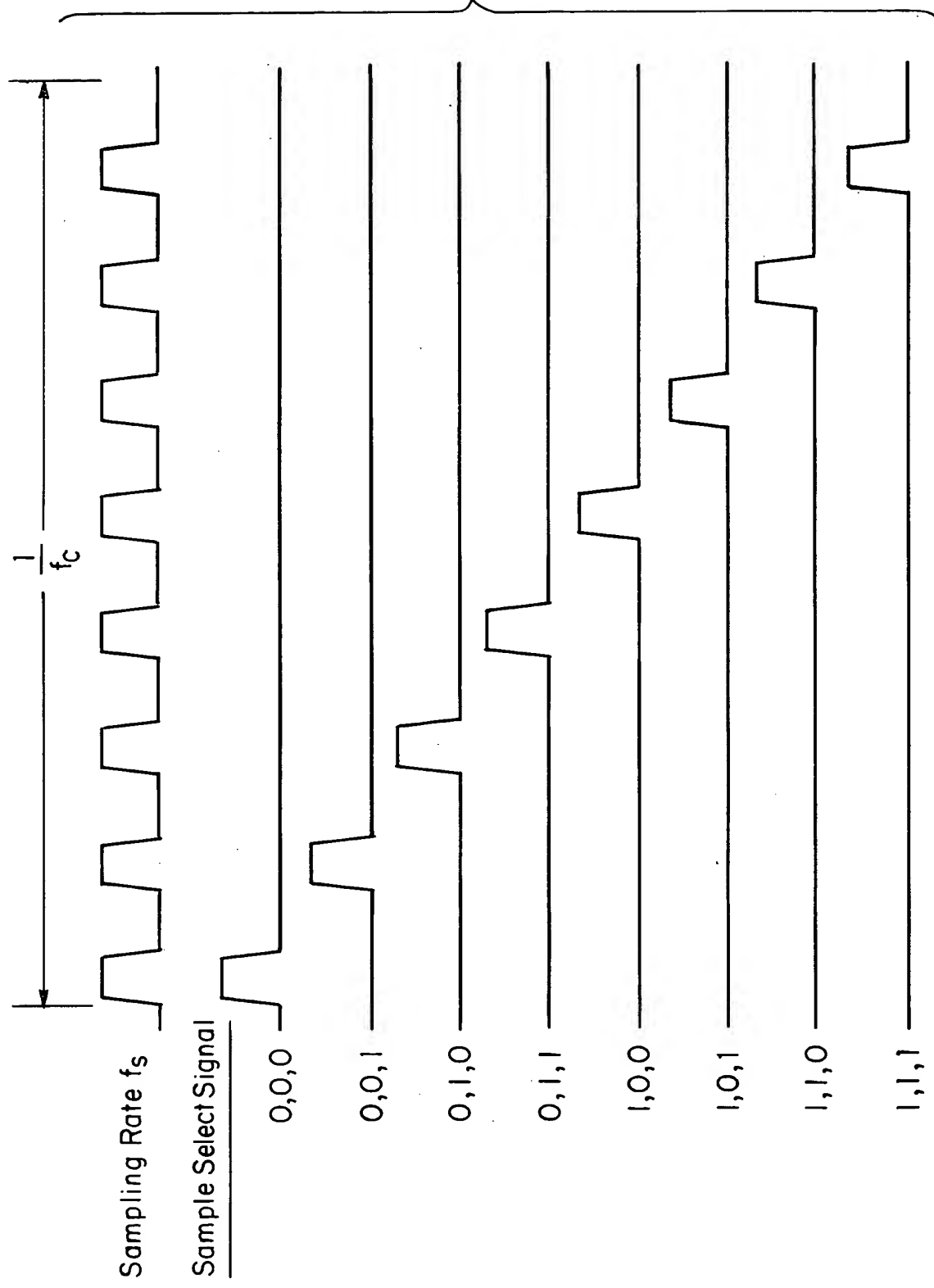


FIG. 14B

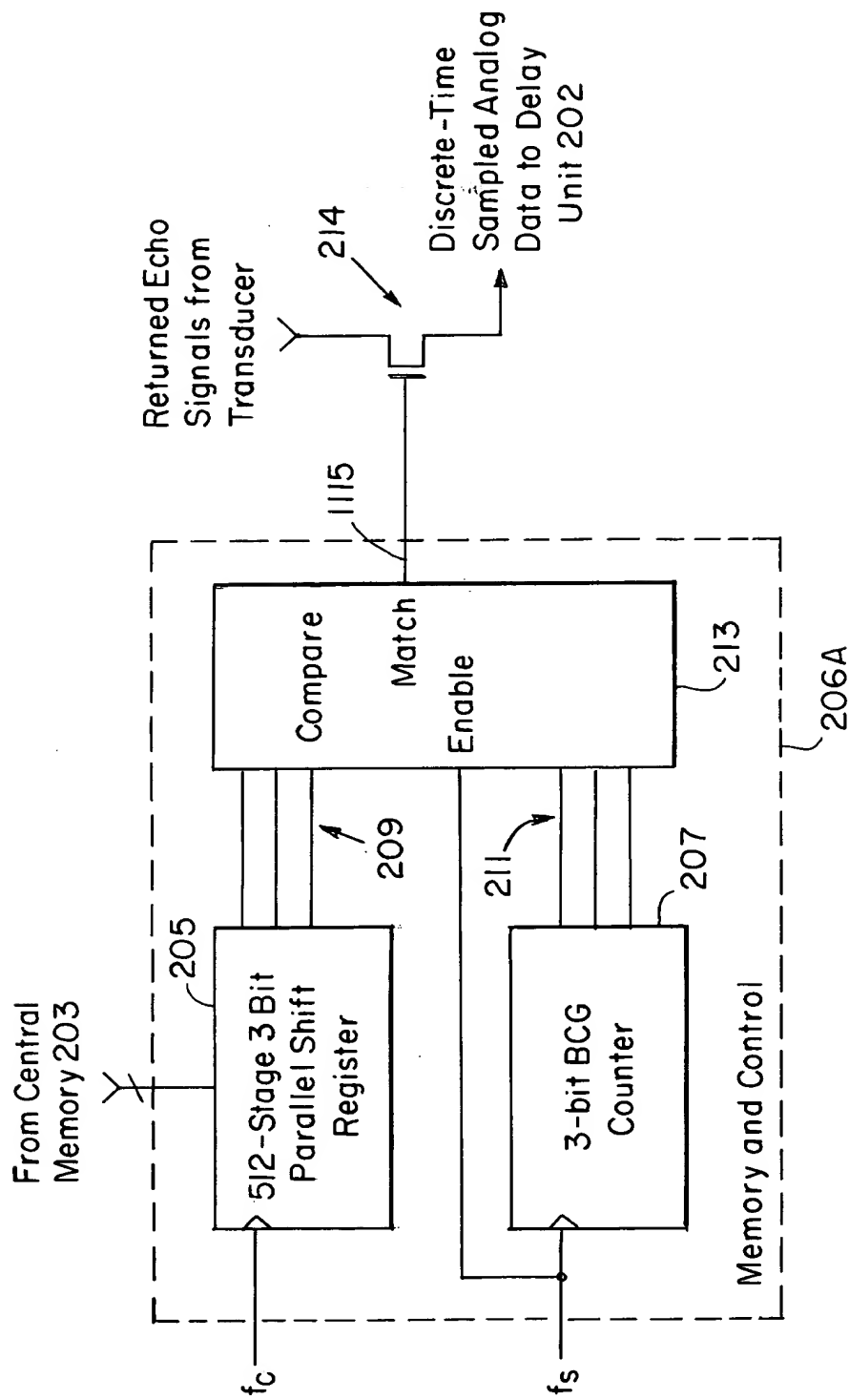


FIG. 15

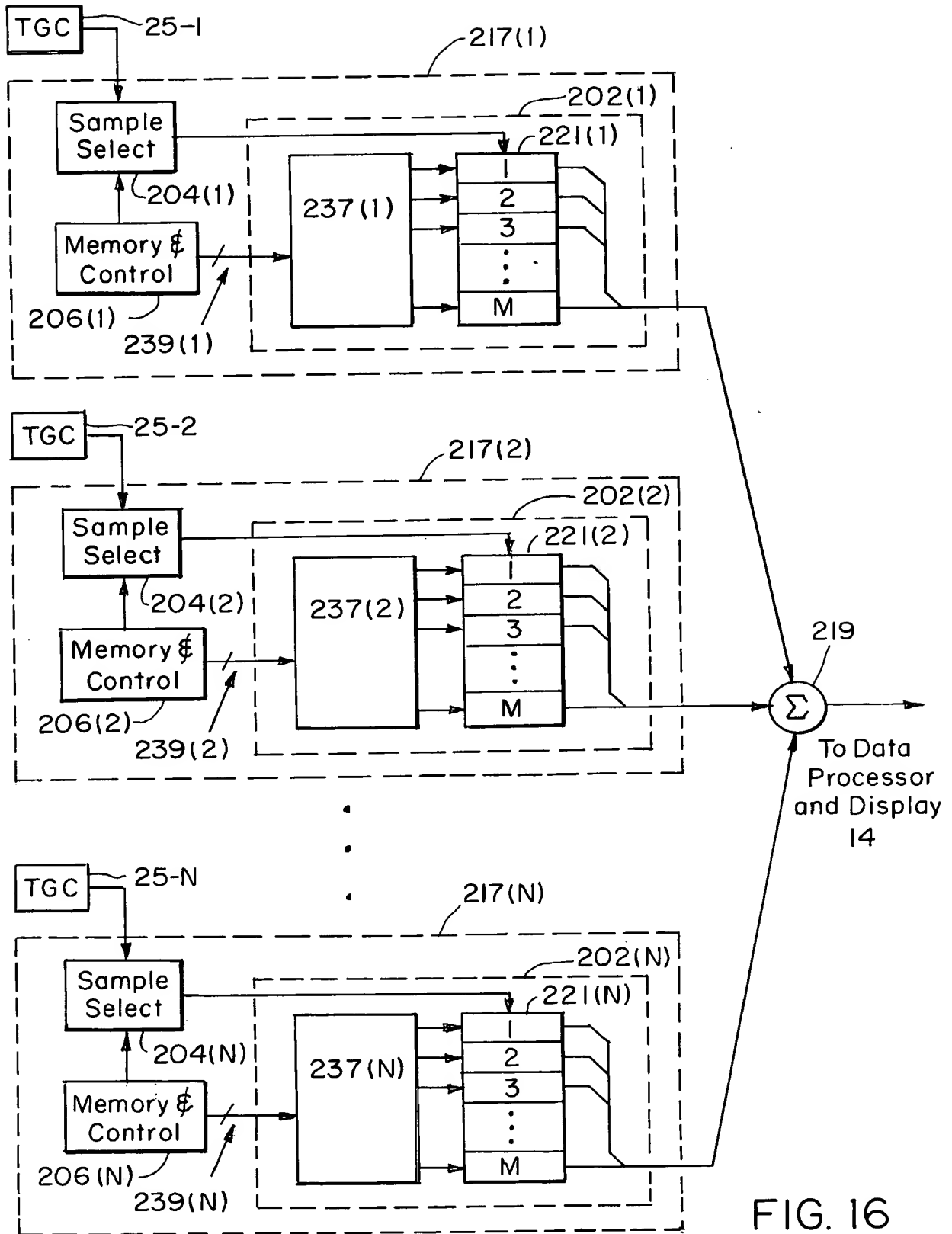


FIG. 16

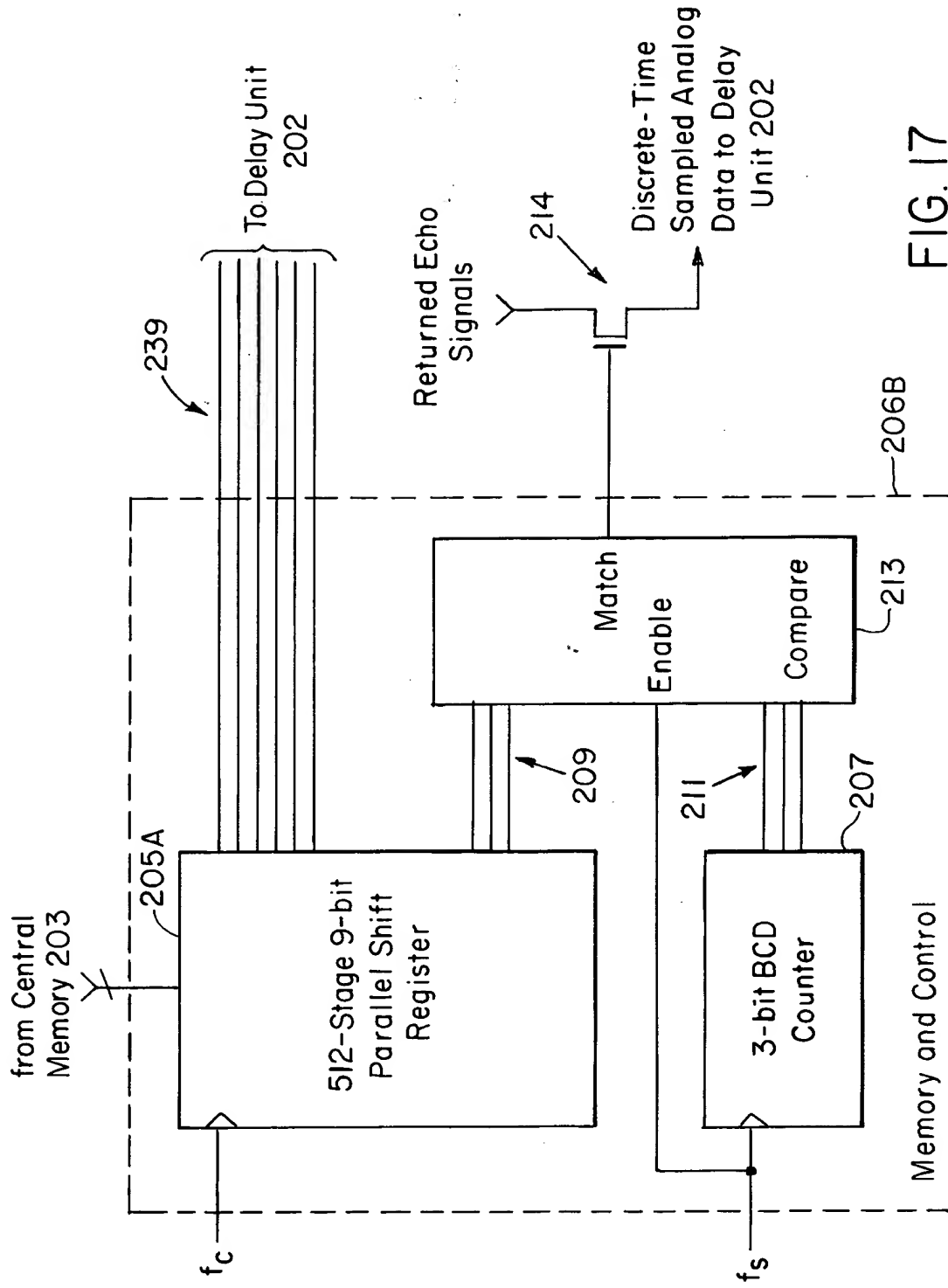


FIG. 17

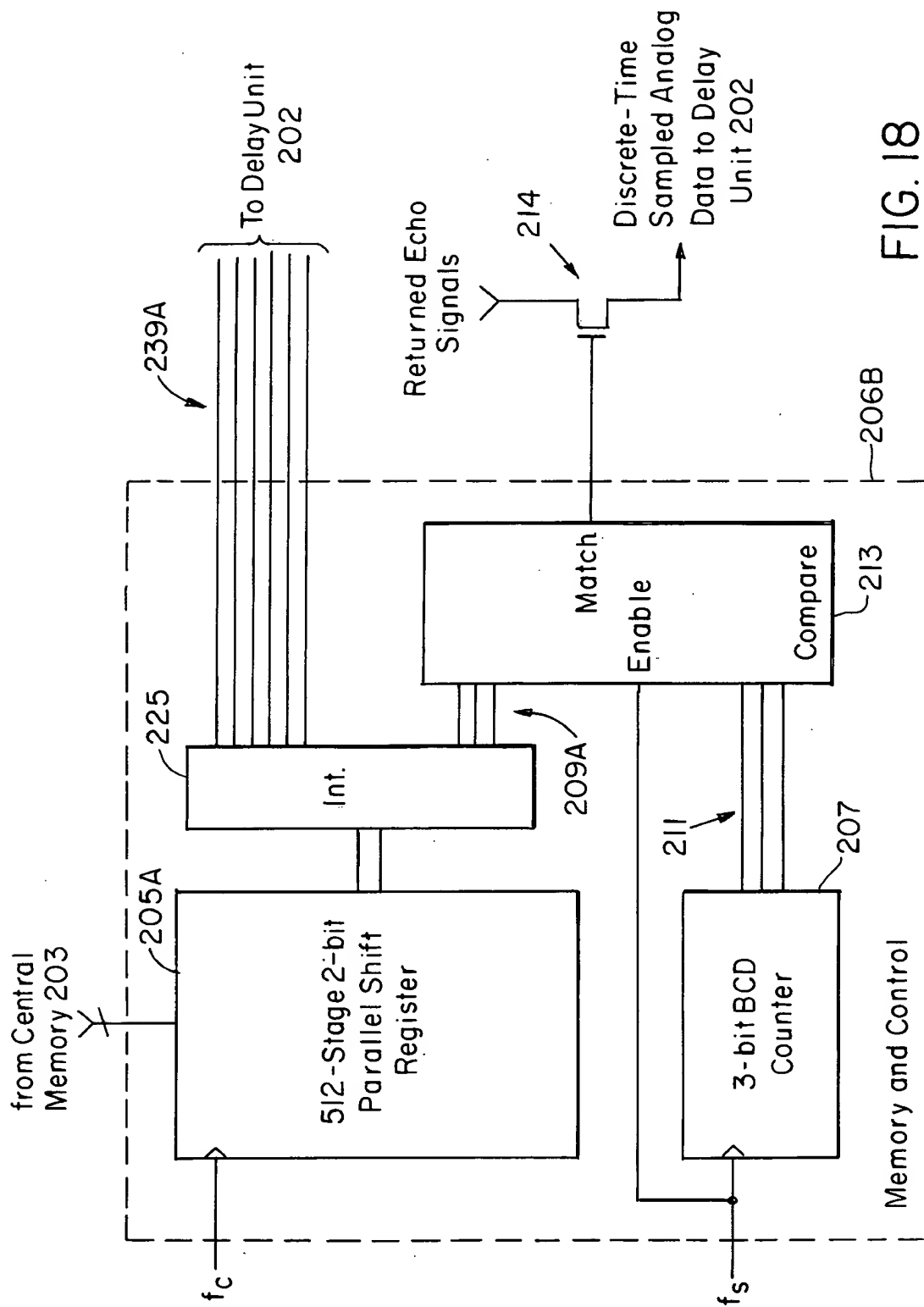


FIG. 18

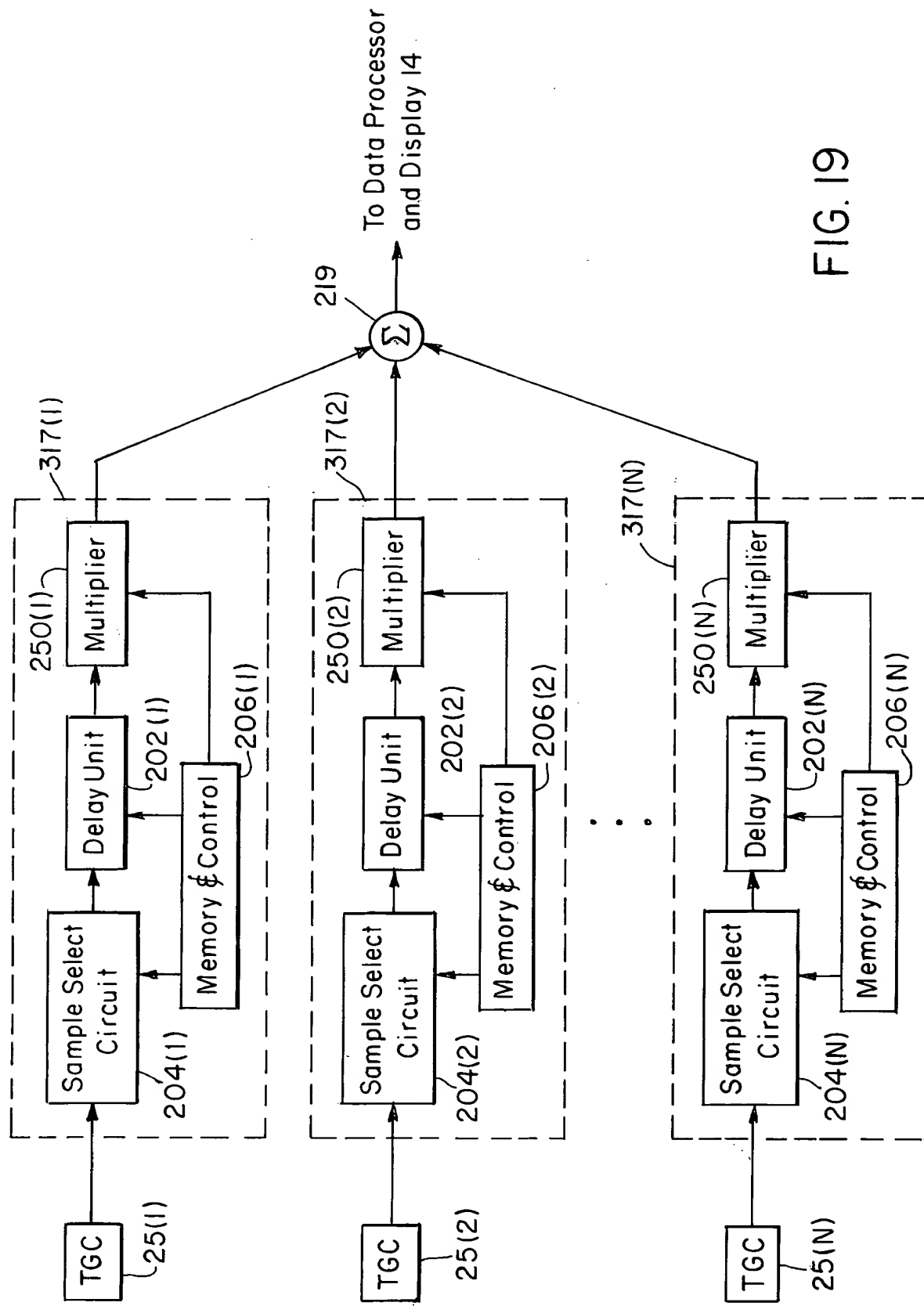


FIG. 19

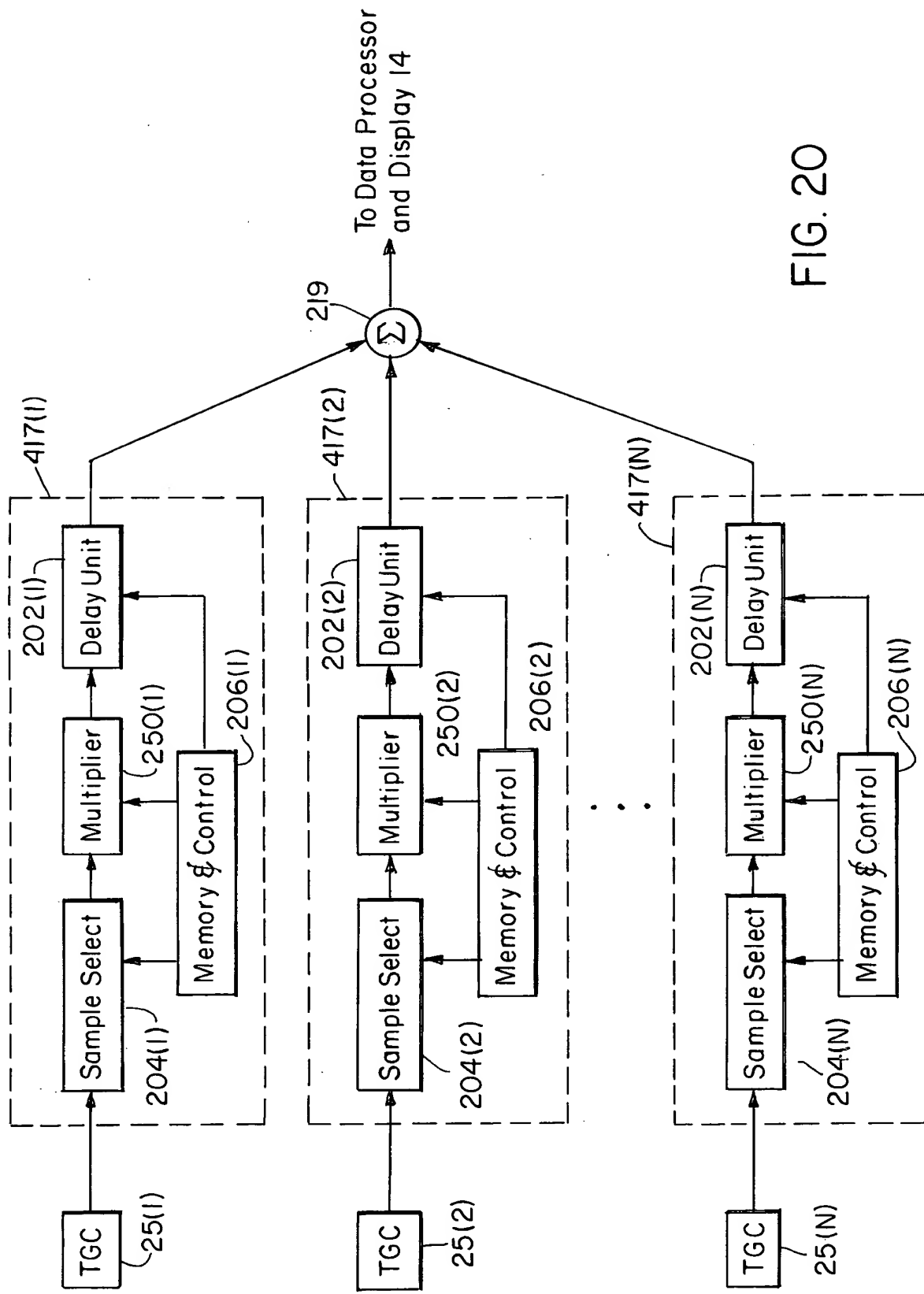


FIG. 20

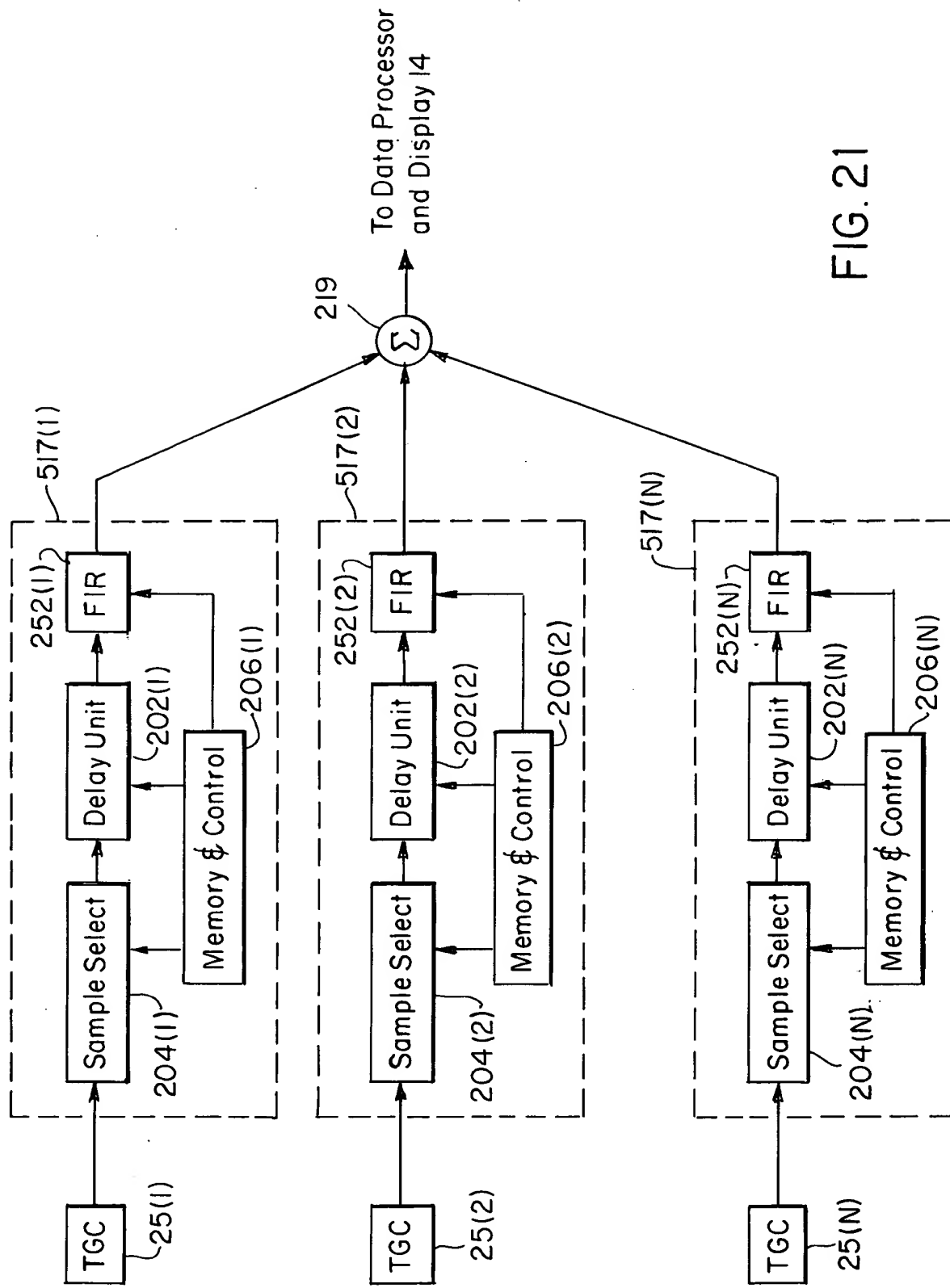


FIG. 21

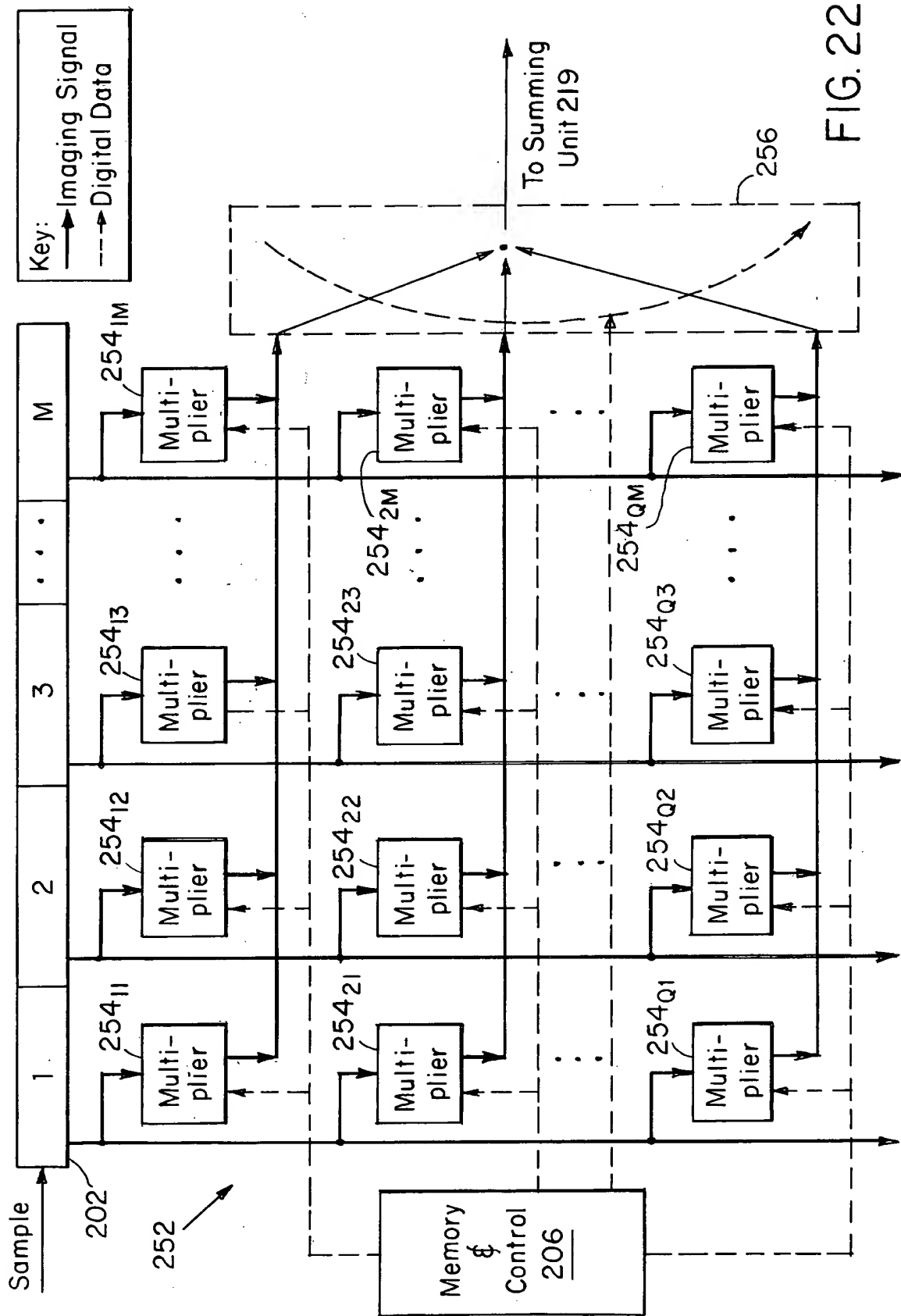


FIG. 22

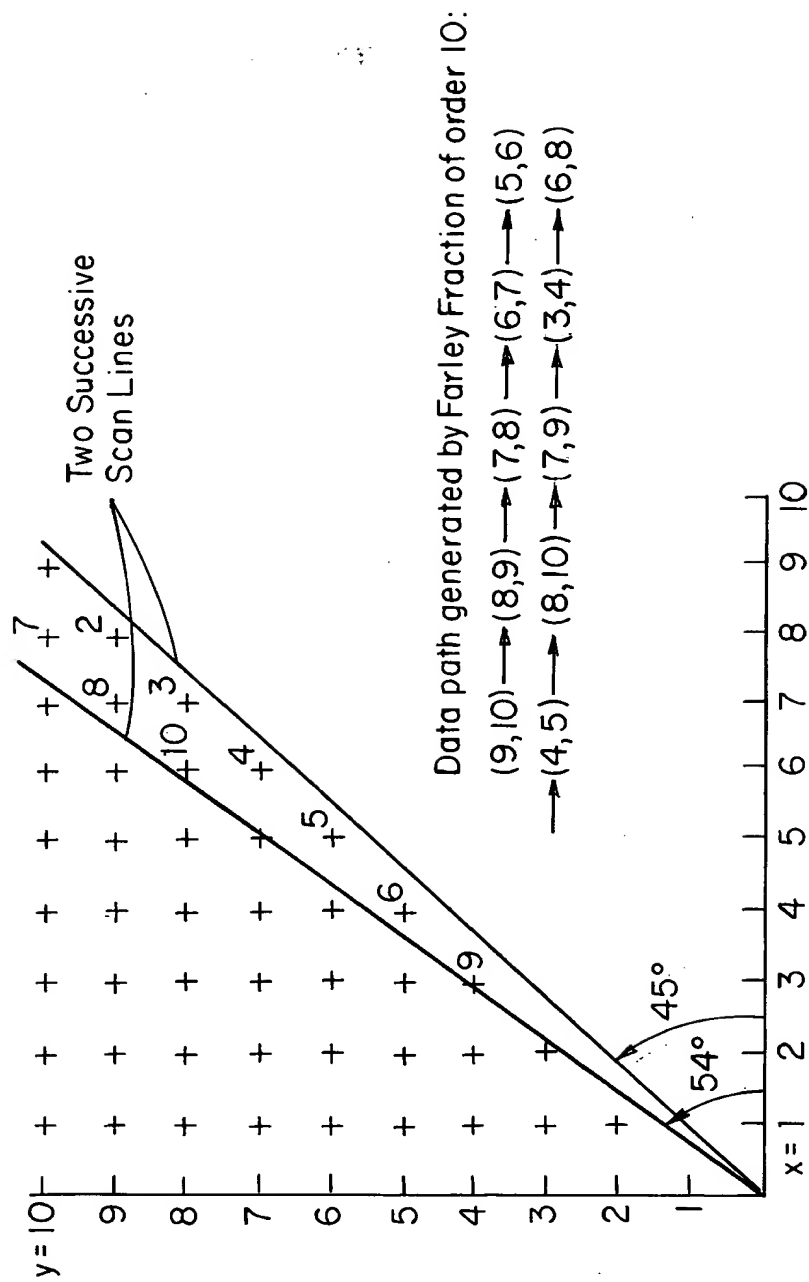
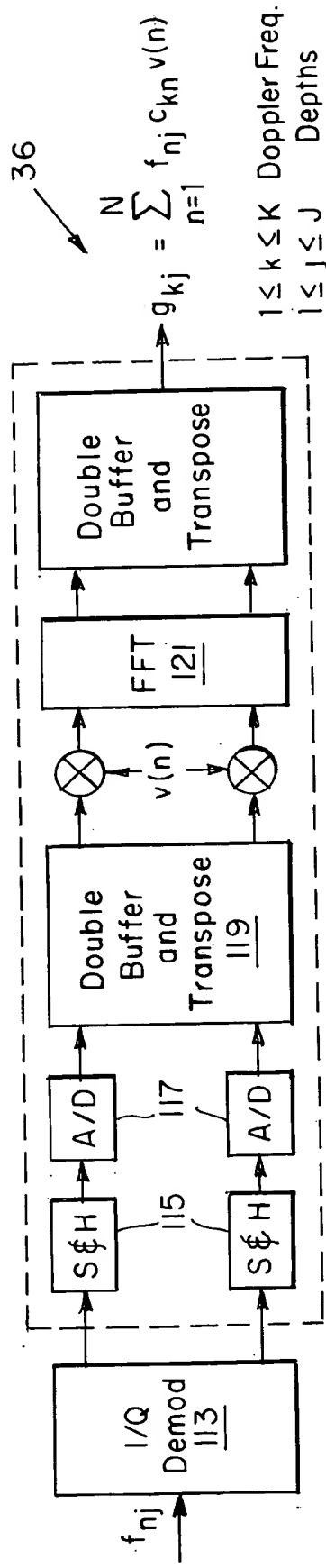


FIG. 24



$$g_{kj} = \sum_{n=1}^N f_{nj} c_{kn} v(n)$$

$1 \leq k \leq K$ Doppler Freq.
 $1 \leq j \leq J$ Depths

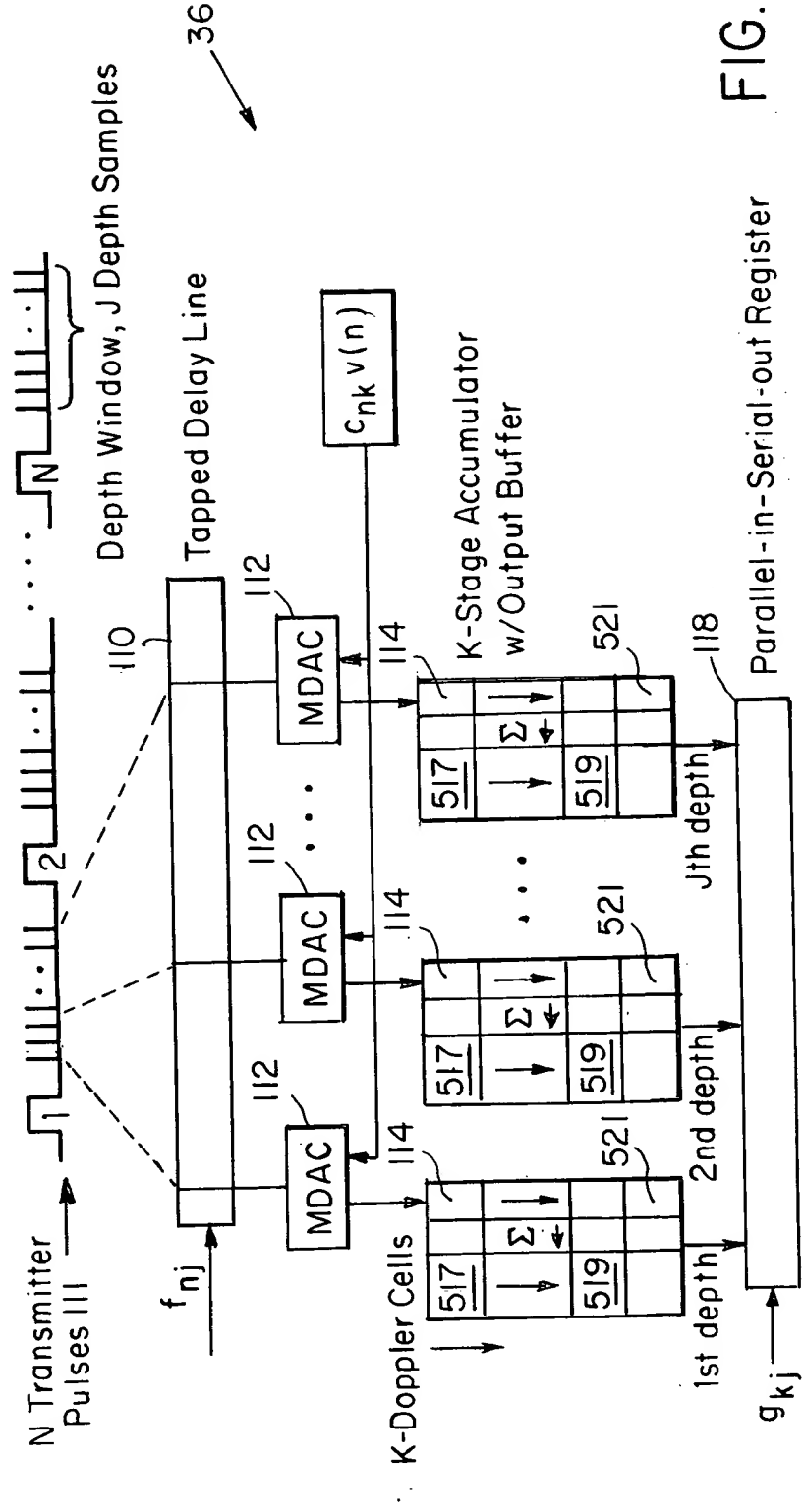


FIG. 25

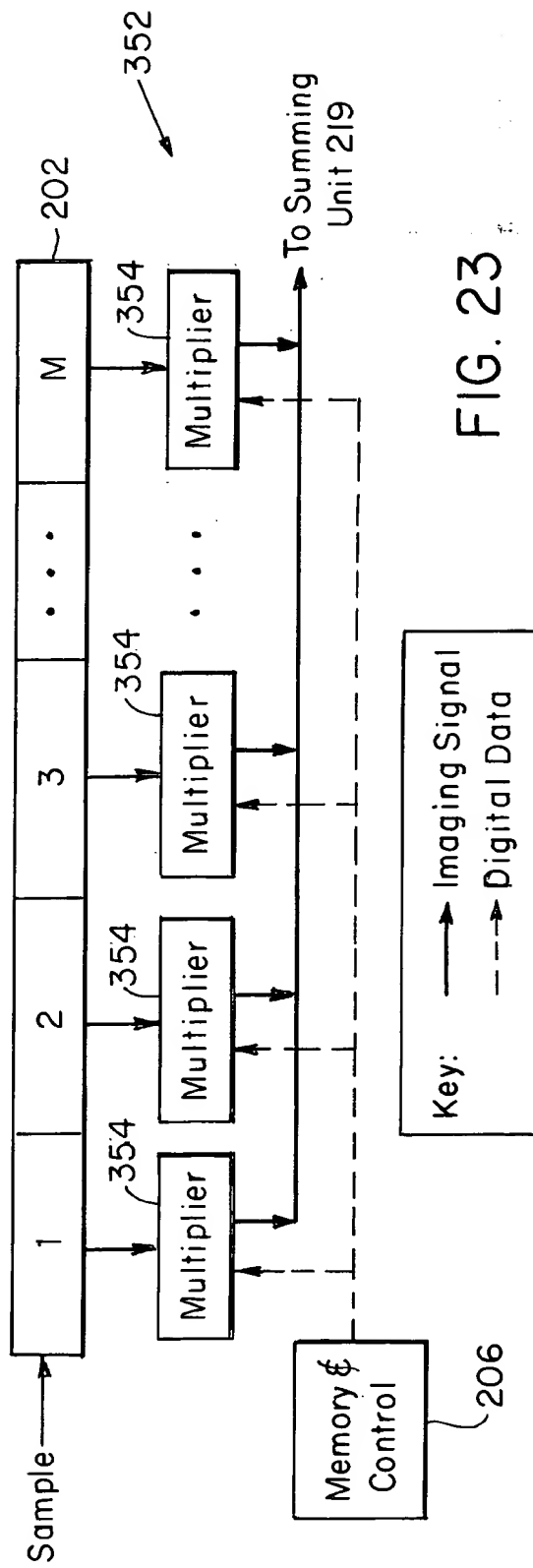


FIG. 23

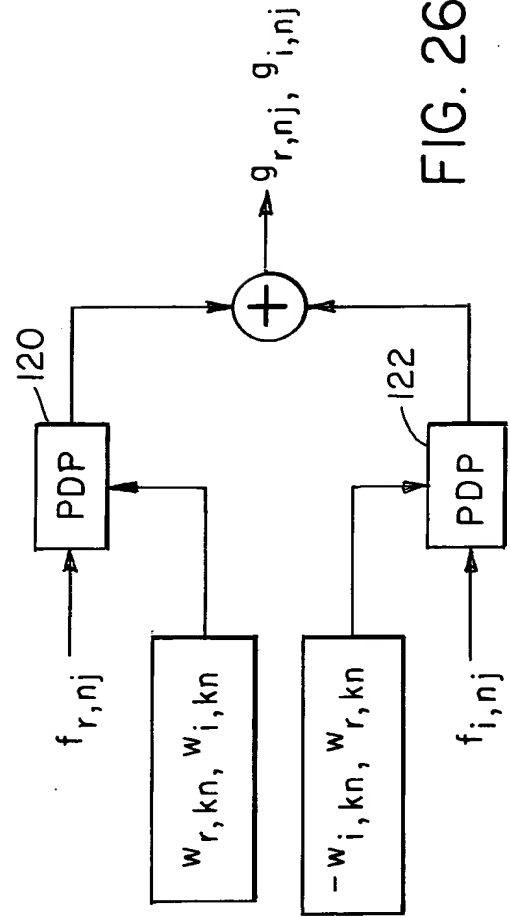


FIG. 26

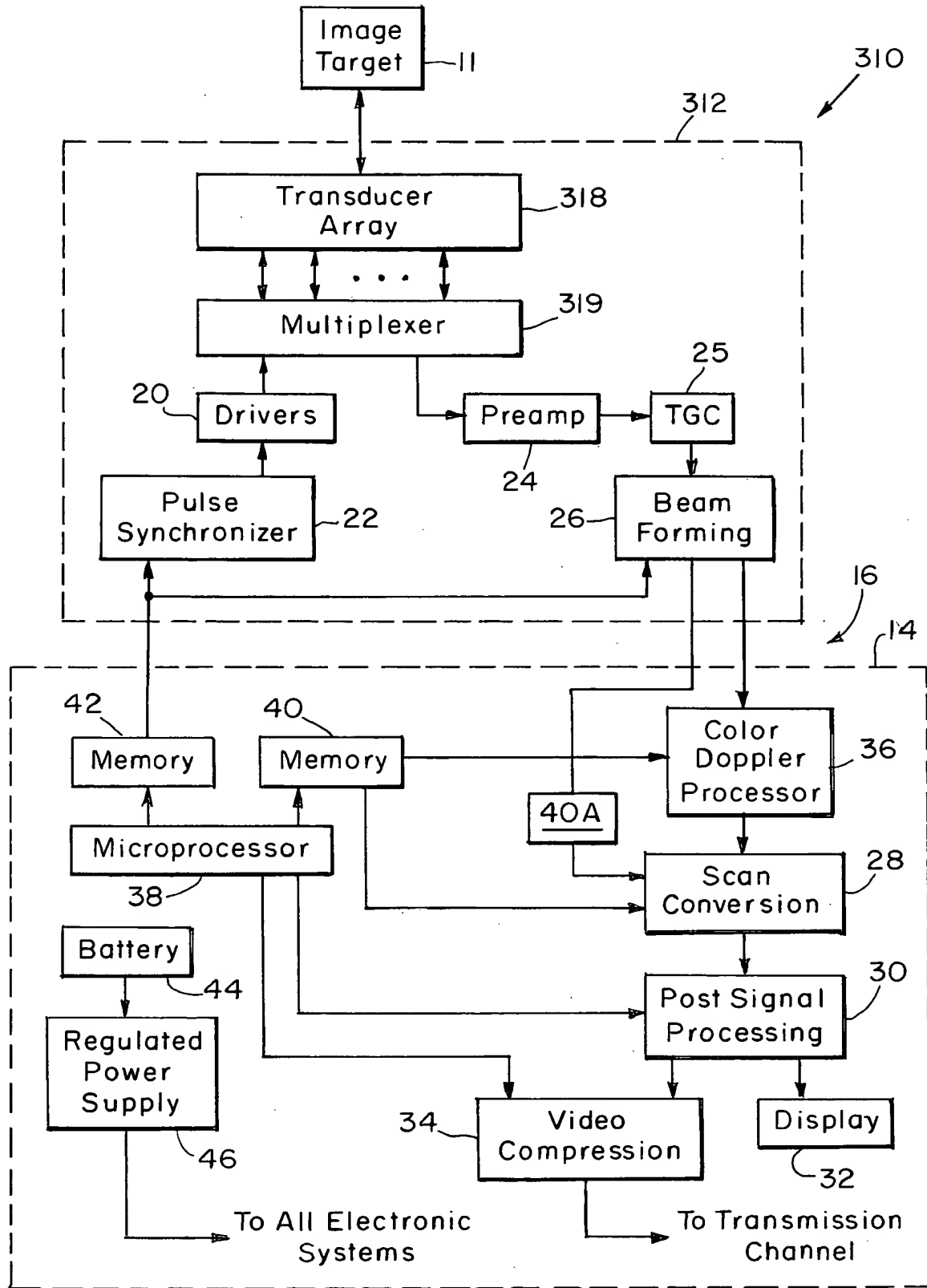


FIG. 27

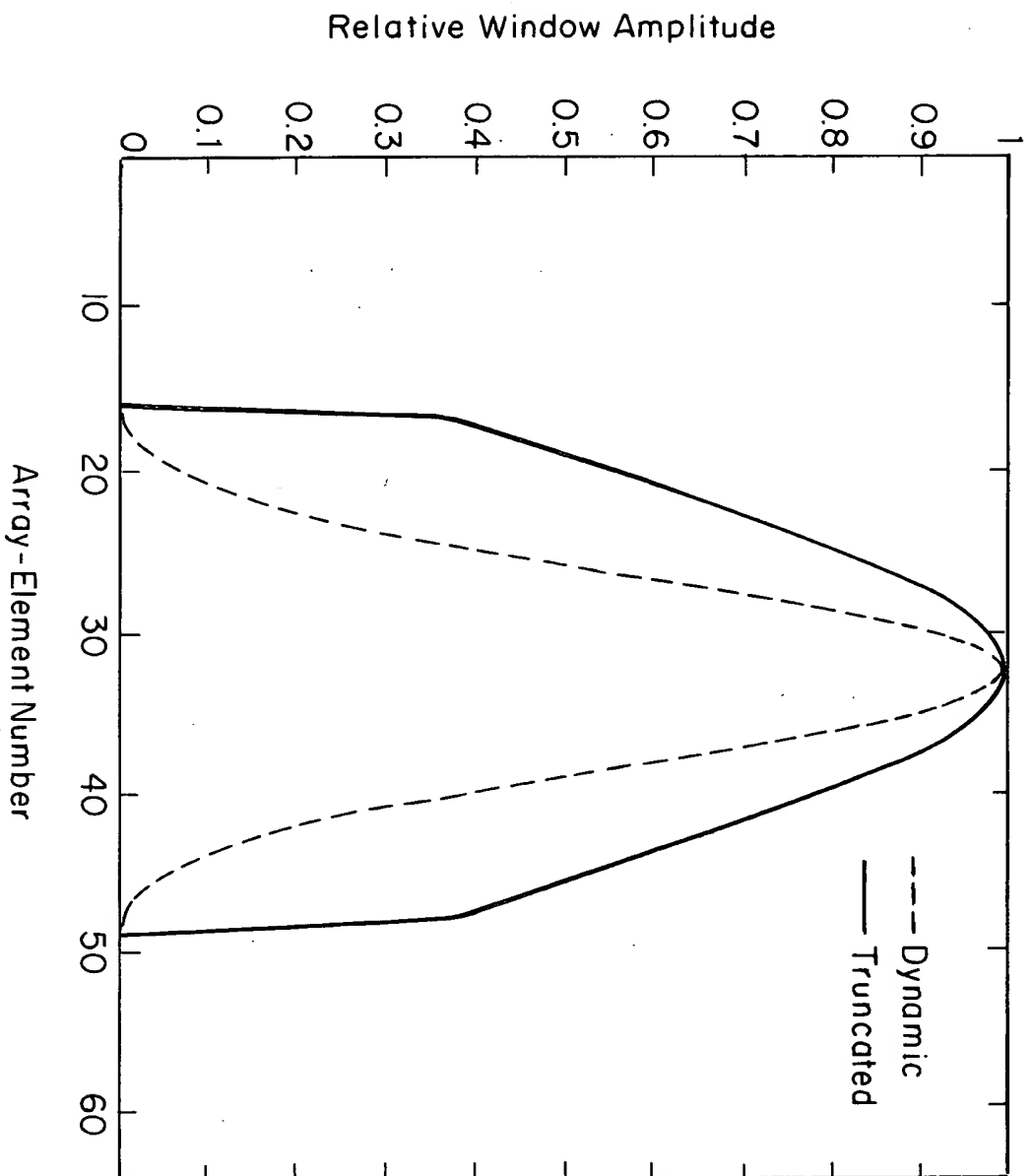
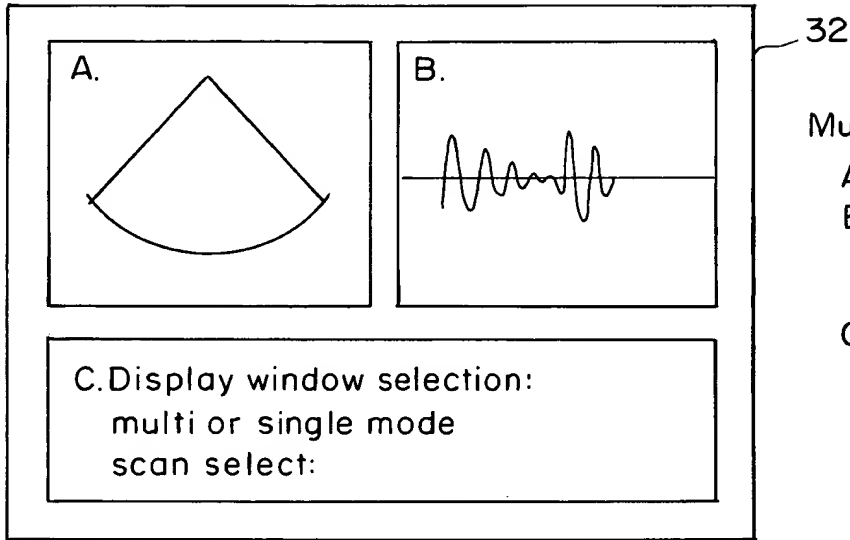
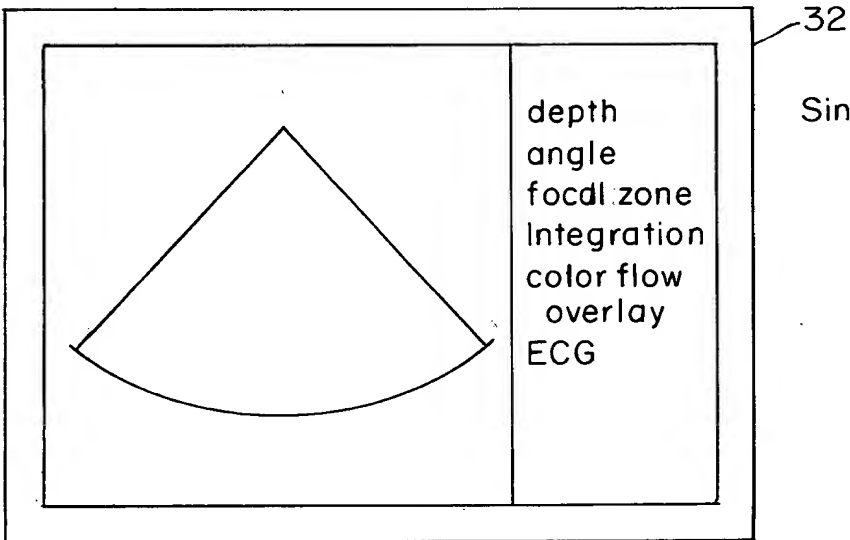


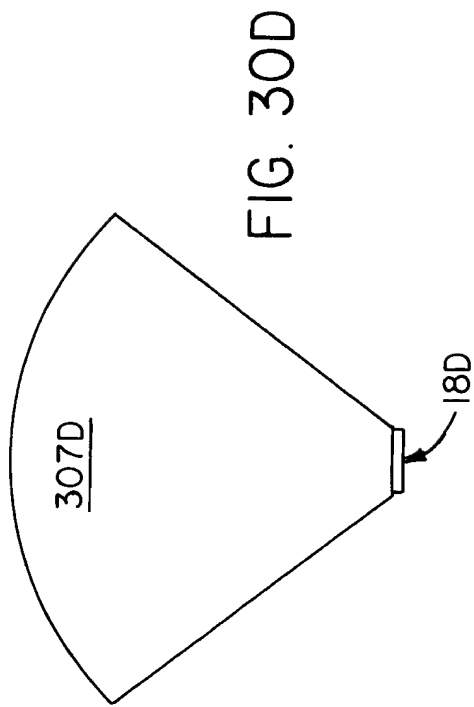
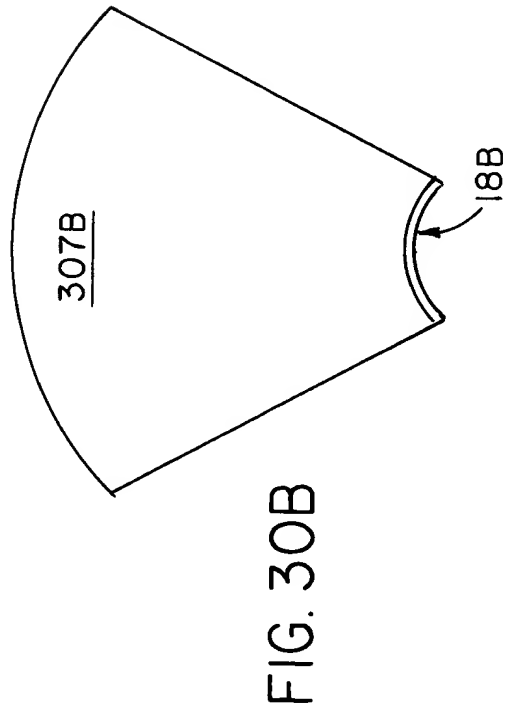
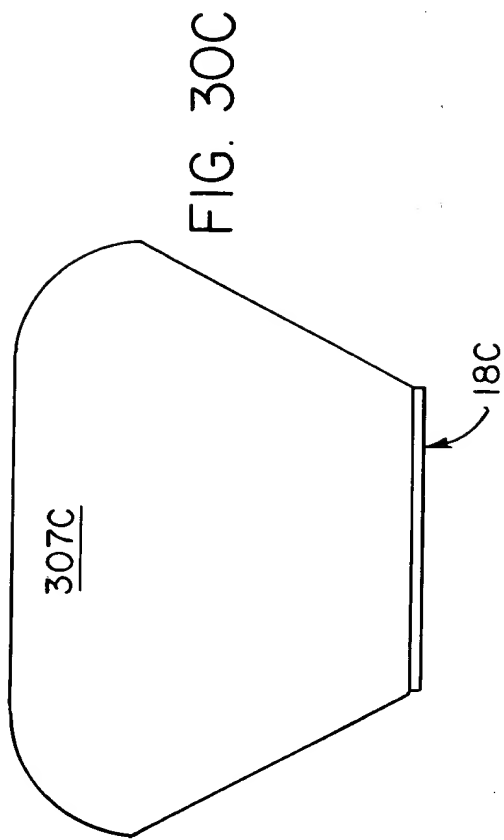
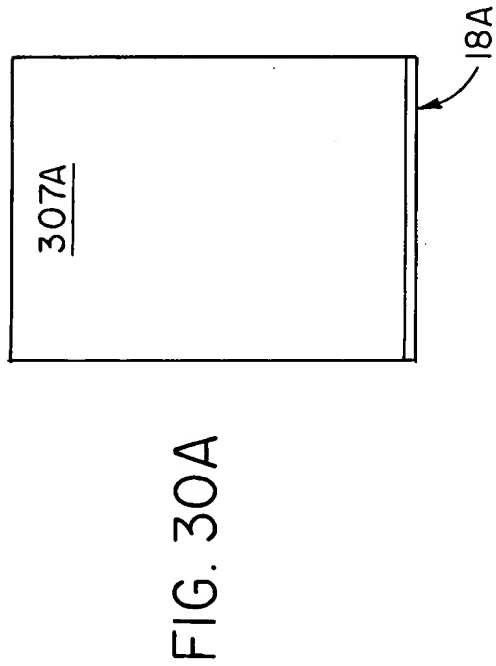
FIG. 28



Multi-Window display:
A: B-scan image
B: M-scan image
Doppler
2-D color flow map
C: Manual select



Single-Window display



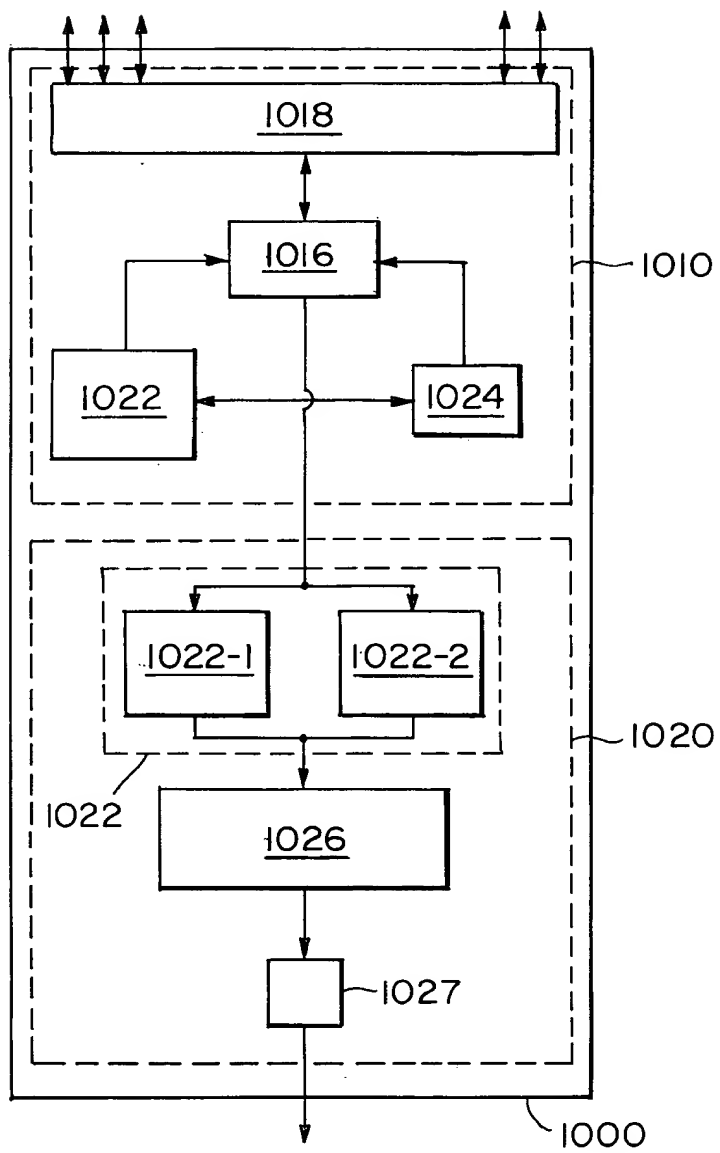


FIG. 31

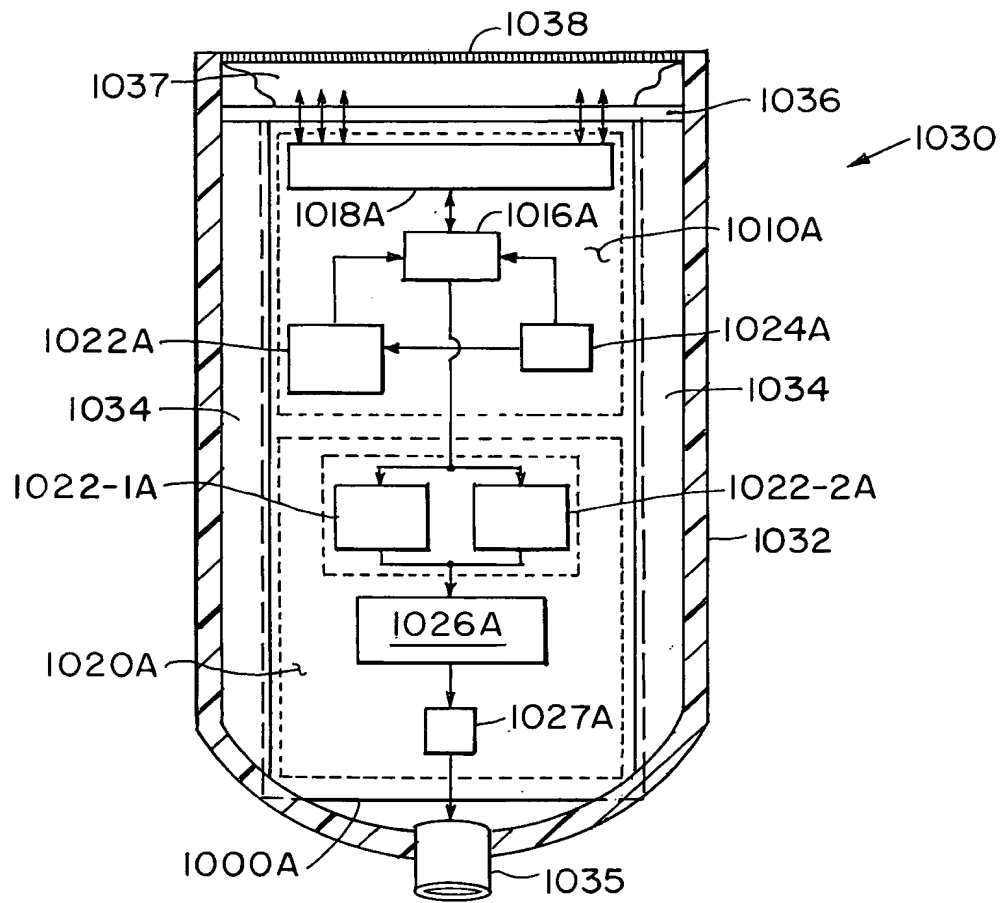


FIG. 32

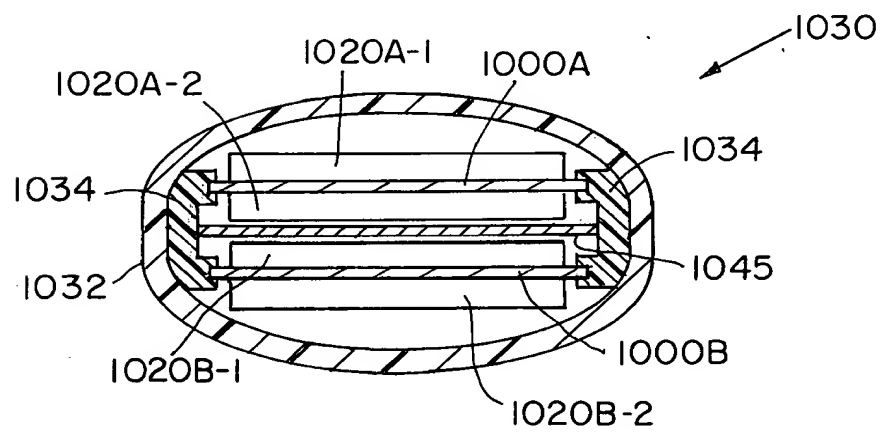


FIG. 33

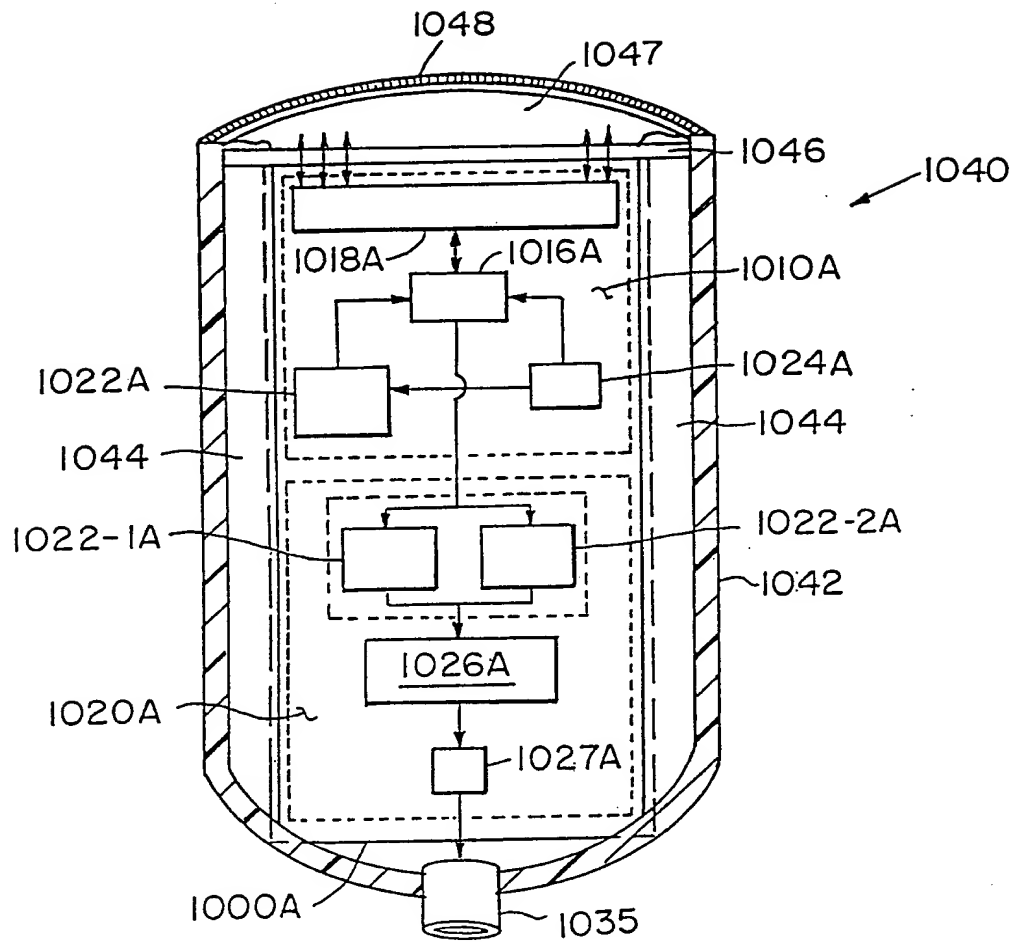


FIG. 34

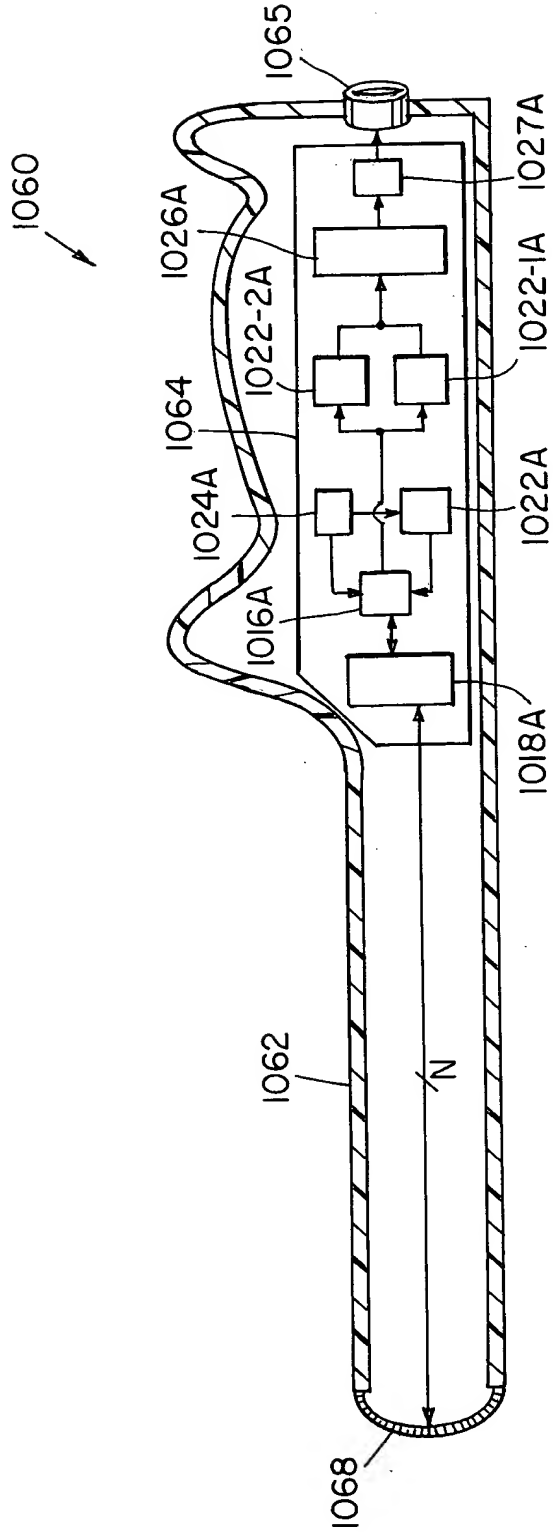


FIG. 35

006T20"E2T6T960

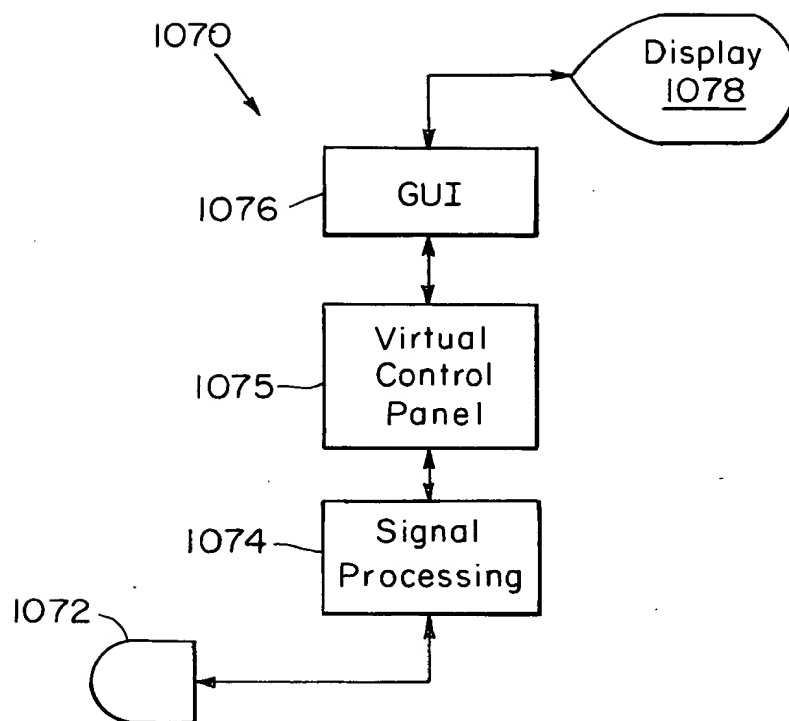


FIG. 36

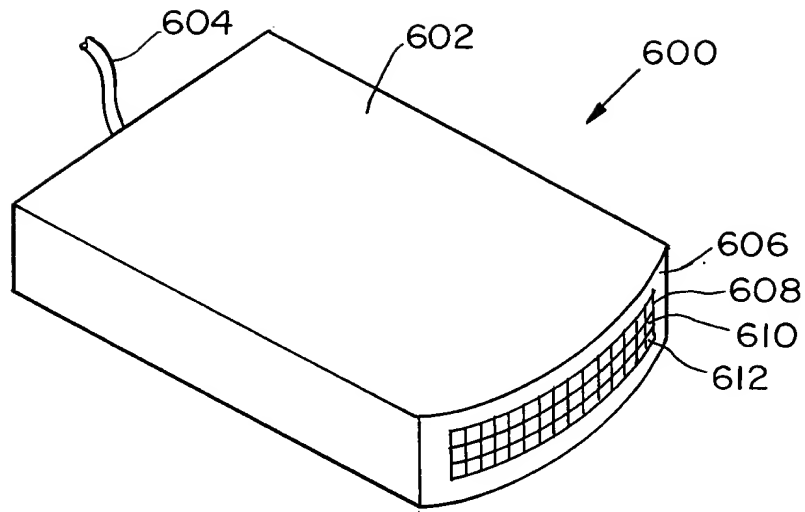


FIG. 37

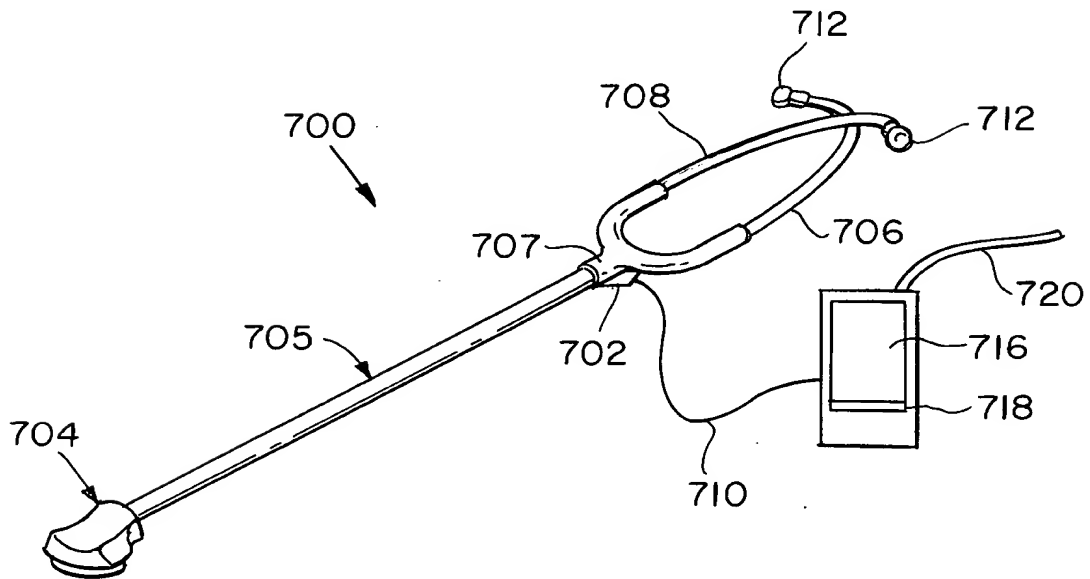


FIG. 38

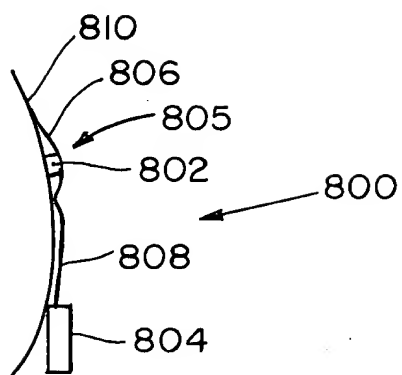


FIG. 39A

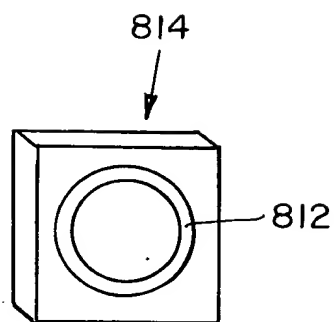


FIG. 39B

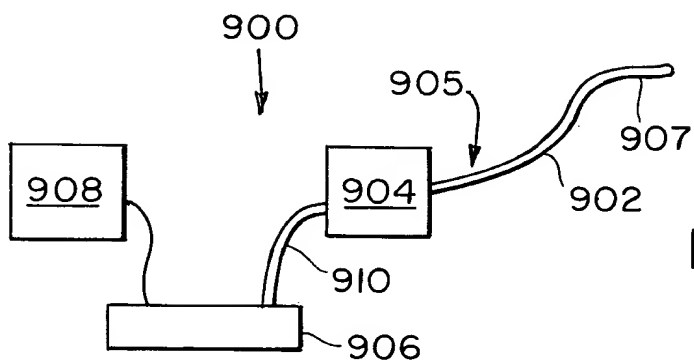


FIG. 40A

FIG. 40B

